

Susan Hanley

U L 10

Access DB# 62765

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Marina Lamm Examiner #: 74963 Date: 3/20/02
Art Unit: 1616 Phone Number 306-4541 Serial Number: 09/927,488
Mail Box and Bldg/Room Location: 2015 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

- *****
- Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched.
- Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Photoprotection/cosmetic compositions
Inventors (please provide full names): Caudan

Earliest Priority Filing Date: US - 8/13/2001; PCT - 2/3/2000; France - 2/12/99

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Susan,
please search the elected compositions.

Thank you,
Marina Lamm

P.S. I need it back ~~by~~ sometime next biweek,
if possible.

Thanks
ML

Point of Contact:
Susan Hanley
Technical Info. Specialist
CW1 6B05 Tel: 305-4053

41

STAFF USE ONLY

Staff Use Only	Type of Search	Vendors and cost where applicable
Searcher: <u>Hanley</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: _____	AA Sequence (#) _____	Dialog _____
Searcher Location: _____	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: <u>3/21</u>	Bibliographic _____	Dr.Link _____
Date Completed: <u>3/27</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: _____	Other _____	Other (specify) _____

=> d his

(FILE 'HOME' ENTERED AT 16:38:00 ON 27 MAR 2002)

FILE 'HCAPLUS' ENTERED AT 16:38:10 ON 27 MAR 2002

L1 54 S CANDAU D?/AU
 L2 9 S L1 AND BENZOTRIAZOL?
 L3 5 S L1 AND ?RESORCIN?
 L4 2 S L2 AND L3
 SELECT RN L4 1-2

FILE 'REGISTRY' ENTERED AT 16:40:18 ON 27 MAR 2002

L5 62 S E1-62

FILE 'HCAPLUS' ENTERED AT 16:40:36 ON 27 MAR 2002

L6 2 S L4 AND L5
 L7 10 S L2-3 NOT L6
 SELECT RN L7 1-10

*- inventor search
 2 cites w/ 62 cpds displayed*

FILE 'REGISTRY' ENTERED AT 16:43:46 ON 27 MAR 2002

L8 164 S E63-226

FILE 'HCAPLUS' ENTERED AT 16:44:18 ON 27 MAR 2002

L9 10 S L7 AND L8

10 cites w/ 164 cpds displayed

FILE 'REGISTRY' ENTERED AT 17:16:54 ON 27 MAR 2002

L10 1 S 155633-54-8 *elect ed triazole sp.*
 L11 1 S 155633-54-8/CRN *registered mixture having triazol*
 L12 1 S 187393-00-6 *triazine elect ed sp.*
 L13 0 S 187393-00-6/CRN

FILE 'HCAPLUS' ENTERED AT 17:19:25 ON 27 MAR 2002

L14 23 S L10-11

L15 55 S L12

L16 2 S L14 AND L15

L17 2 S L16 NOT L6-7

2 cites w/ both compounds of the elect ed

FILE 'CAOLD' ENTERED AT 17:29:38 ON 27 MAR 2002

L18 0 S L10-11

L19 0 S L12

composition specie

FILE 'MEDLINE, AGRICOLA, USPATFULL' ENTERED AT 17:30:06 ON 27 MAR 2002

L20 11 S L10

L21 1 S L11

L22 9 S L12

L23 0 S L20-21 AND L22

L24 9 S L20-21 AND ?TRIAZIN?

*no patents w/ both cpds of the
 elect ed composi-
 tion sp.*

*benzotriazol
 sp.*

*9 patents
 (1035?)*

LAMM 09/927,488

=> d ibib abs hitstr 1

L6 ANSWER 1 OF 2 HCAPLUS /COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:766953 HCAPLUS

DOCUMENT NUMBER: 133:300909

TITLE: Synergistic sunscreen compositions containing a **benzotriazole** derivative, a bis-**resorciny**l triazine derivative, and a compound with benzoazolyl or benzodiazolyl groups

INVENTOR(S): Candau, Didier

PATENT ASSIGNEE(S): L'Oreal S. A., Fr.

SOURCE: Fr. Demande, 48 pp.

CODEN: FRXXBL

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2789581	A1	20000818	FR 1999-1731	19990212
FR 2789581	B1	20010504		
EP 1043013	A1	20001011	EP 2000-400243	20000131
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2000247857	A2	20000912	JP 2000-77239	20000214
<u>US 6251373</u>	B1	20010626	US 2000-503942	20000214
PRIORITY APPLN. INFO.:			FR 1999-1731	A 19990212

OTHER SOURCE(S): MARPAT 133:300909

AB Synergistic sunscreen compns. contg. a **benzotriazole** deriv., a bis-**resorciny**l triazine deriv., and a compd. with benzoazolyl or benzodiazolyl groups. A sunscreen compn. contained Sinnowax AO 7, Cerasynt SDV 2, polydimethylsiloxane 1, cetyl alc. 1.5, Witconol TN 15, 2,4-bis{[4-(2-ethylhexyloxy)-2-hydroxy]phenyl}-6-(4-methoxyphenyl)-1,3,5-triazine 2, **benzotriazole**-contg. silicone 3, glycerin 15, 1,4-bis-benzimidazolyl-phenylene-3,3,5,5'-tetrasulfonic acid 2, and triethanolamine q.s. pH = 7, preservatives q.s. and water q.s. 100 g.

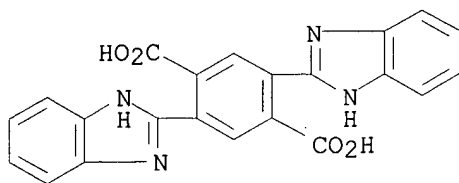
IT 41887-96-1 119014-10-7 288247-53-0
 288247-54-1 288247-55-2 288247-56-3
 288247-57-4 288247-58-5 288247-59-6
 288247-60-9 288247-61-0 288247-62-1
 288247-63-2 288247-64-3 288247-65-4
 288247-66-5 288247-67-6 288247-68-7
 288247-69-8 288247-70-1 288247-71-2
 288247-72-3 288247-73-4 288247-74-5
 288247-75-6

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

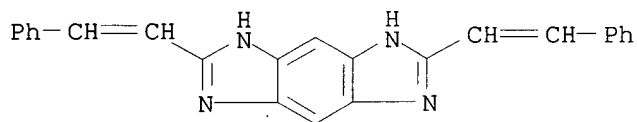
(contg. **benzotriazole** deriv., bis-**resorciny**l triazine deriv., and compd. with benzoazolyl or benzodiazolyl groups)

RN 41887-96-1 HCAPLUS

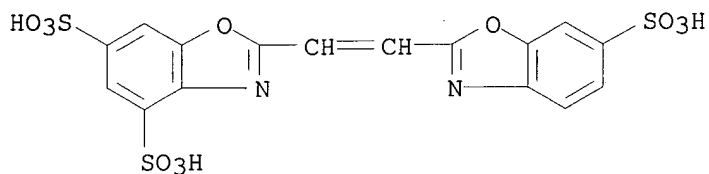
CN 1,4-Benzenedicarboxylic acid, 2,5-bis(1H-benzimidazol-2-yl)- (9CI) (CA INDEX NAME)



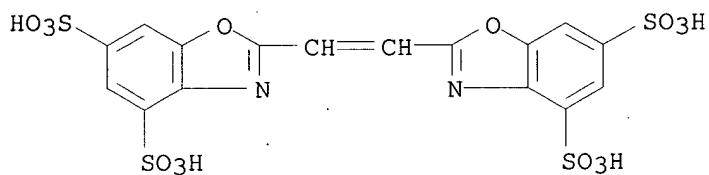
RN 119014-10-7 HCAPLUS

CN Benzo[1,2-d:4,5-d']diimidazole, 1,5-dihydro-2,6-bis(2-phenylethenyl)-
(9CI) (CA INDEX NAME)

RN 288247-53-0 HCAPLUS

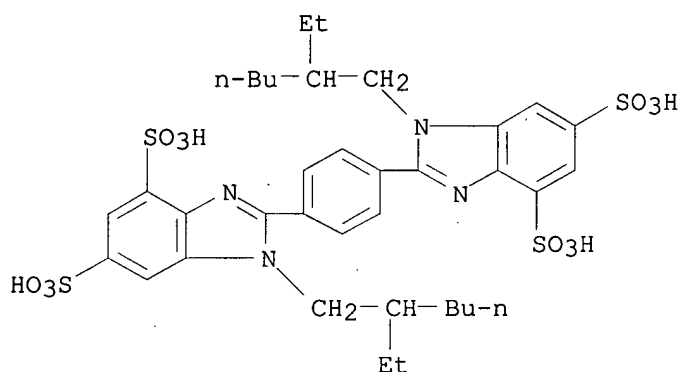
CN 4,6-Benzoxazoledisulfonic acid, 2-[2-(6-sulfo-2-benzoxazolyl)ethenyl]-
(9CI) (CA INDEX NAME)

RN 288247-54-1 HCAPLUS

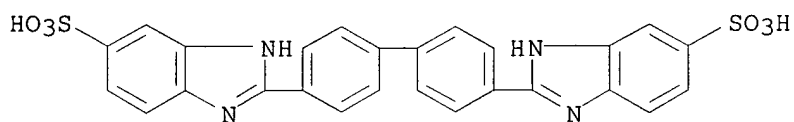
CN 4,6-Benzoxazoledisulfonic acid, 2,2'-(1,2-ethenediyl)bis- (9CI) (CA INDEX
NAME)

RN 288247-55-2 HCAPLUS

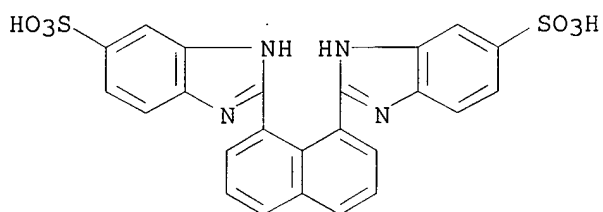
CN 1H-Benzimidazole-4,6-disulfonic acid, 2,2'-(1,4-phenylene)bis[1-(2-
ethylhexyl)- (9CI) (CA INDEX NAME)



RN 288247-56-3 HCAPLUS

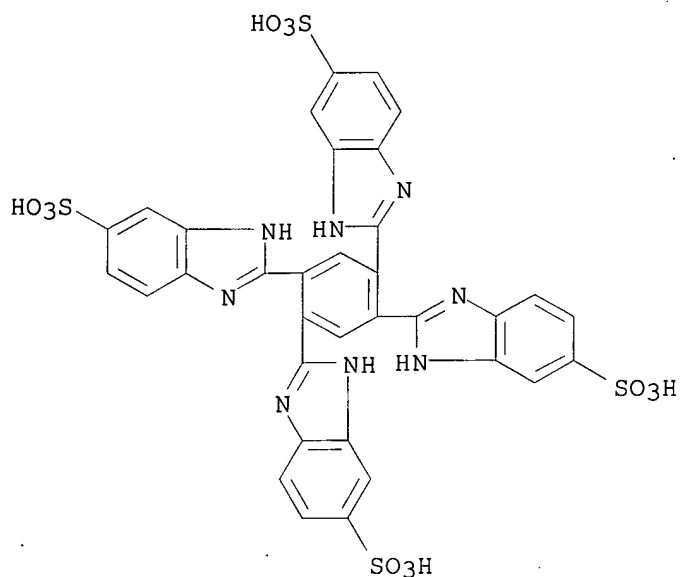
CN 1H-Benzimidazole-5-sulfonic acid, 2,2'-[1,1'-biphenyl]-4,4'-diylbis- (9CI)
(CA INDEX NAME)

RN 288247-57-4 HCAPLUS

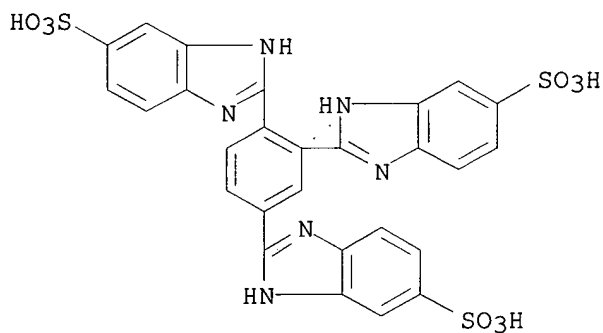
CN 1H-Benzimidazole-5-sulfonic acid, 2,2'-(1,8-naphthalenediyl)bis- (9CI)
(CA INDEX NAME)

RN 288247-58-5 HCAPLUS

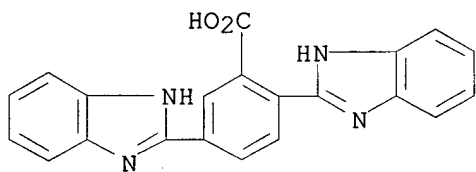
CN 1H-Benzimidazole-5-sulfonic acid, 2,2',2'',2'''-(1,2,4,5-benzenetetrayl)tetrakis- (9CI) (CA INDEX NAME)



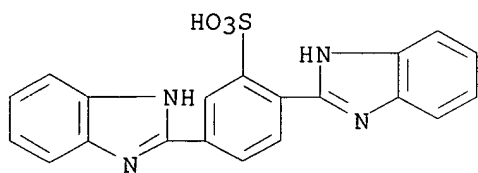
RN 288247-59-6 HCAPLUS
 CN 1H-Benzimidazole-5-sulfonic acid, 2,2',2''-(1,2,4-benzenetriyl)tris- (9CI)
 (CA INDEX NAME)



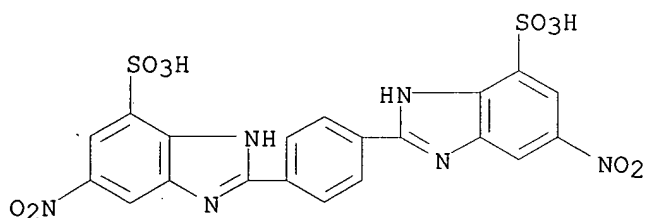
RN 288247-60-9 HCAPLUS
 CN Benzoic acid, 2,5-bis(1H-benzimidazol-2-yl)- (9CI) (CA INDEX NAME)



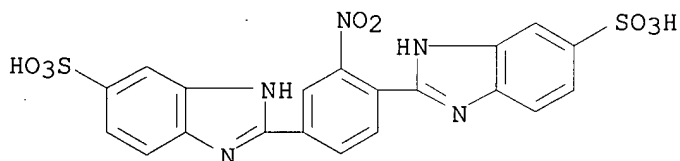
RN 288247-61-0 HCAPLUS
 CN Benzenesulfonic acid, 2,5-bis(1H-benzimidazol-2-yl)- (9CI) (CA INDEX NAME)



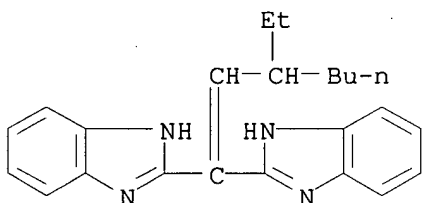
RN 288247-62-1 HCAPLUS
 CN 1H-Benzimidazole-4-sulfonic acid, 2,2'-(1,4-phenylene)bis[6-nitro- (9CI)
 (CA INDEX NAME)



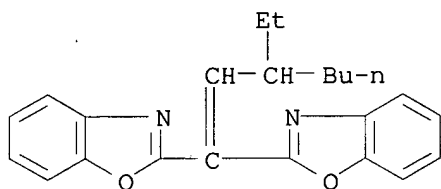
RN 288247-63-2 HCAPLUS
 CN 1H-Benzimidazole-5-sulfonic acid, 2,2'-(2-nitro-1,4-phenylene)bis- (9CI)
 (CA INDEX NAME)



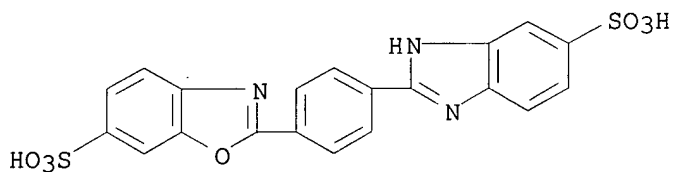
RN 288247-64-3 HCAPLUS
 CN 1H-Benzimidazole, 2,2'-(3-ethyl-1-heptenylidene)bis- (9CI) (CA INDEX
 NAME)



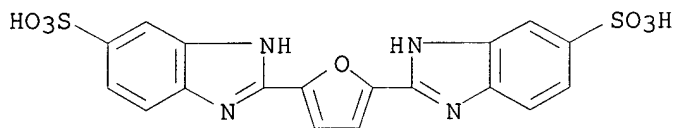
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 CN Benzoxazole, 2,2'-(3-ethyl-1-heptenylidene)bis- (9CI) (CA INDEX NAME)



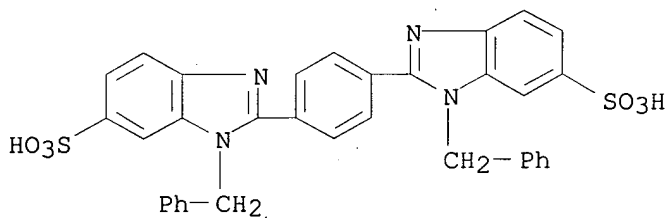
RN 288247-66-5 HCAPLUS

CN 6-Benzoxazolesulfonic acid, 2-[4-(5-sulfo-1H-benzimidazol-2-yl)phenyl]-
(9CI) (CA INDEX NAME)

RN 288247-67-6 HCAPLUS

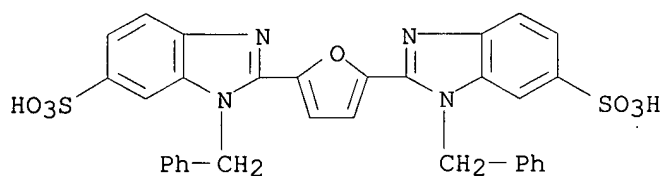
CN 1H-Benzimidazole-5-sulfonic acid, 2,2'-(2,5-furandiyl)bis- (9CI) (CA
INDEX NAME)

RN 288247-68-7 HCAPLUS

CN 1H-Benzimidazole-6-sulfonic acid, 2,2'-(1,4-phenylene)bis[1-(phenylmethyl)-
(9CI) (CA INDEX NAME)

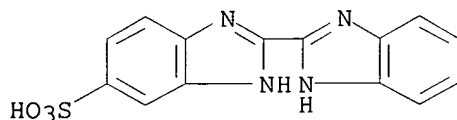
RN 288247-69-8 HCAPLUS

CN 1H-Benzimidazole-6-sulfonic acid, 2,2'-(2,5-furandiyl)bis[1-(phenylmethyl)-
(9CI) (CA INDEX NAME)



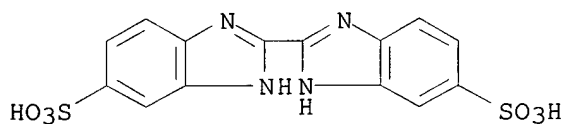
RN 288247-70-1 HCAPLUS

CN [2,2'-Bi-1H-benzimidazole]-5-sulfonic acid (9CI) (CA INDEX NAME)



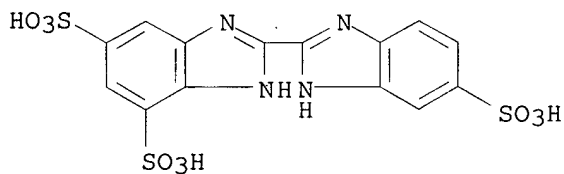
RN 288247-71-2 HCAPLUS

CN [2,2'-Bi-1H-benzimidazole]-5,5'-disulfonic acid (9CI) (CA INDEX NAME)



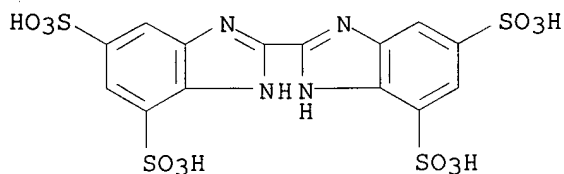
RN 288247-72-3 HCAPLUS

CN [2,2'-Bi-1H-benzimidazole]-4,5',6-trisulfonic acid (9CI) (CA INDEX NAME)



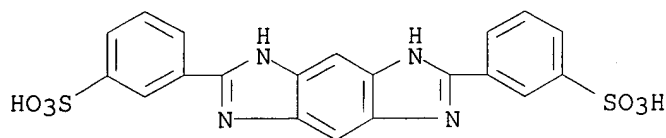
RN 288247-73-4 HCAPLUS

CN [2,2'-Bi-1H-benzimidazole]-4,4',6,6'-tetrasulfonic acid (9CI) (CA INDEX NAME)



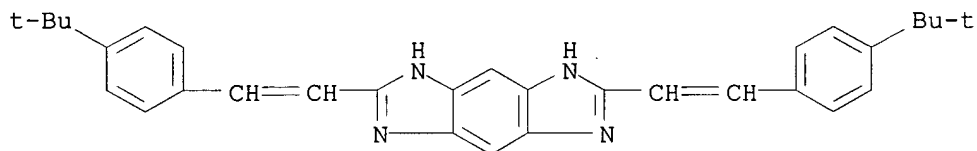
RN 288247-74-5 HCAPLUS

CN Benzenesulfonic acid, 3,3'-(1,5-dihydrobenzo[1,2-d:4,5-d']diimidazole-2,6-diyl)bis- (9CI) (CA INDEX NAME)



RN 288247-75-6 HCAPLUS

CN Benzo[1,2-d:4,5-d']diimidazole, 2,6-bis[2-[4-(1,1-dimethylethyl)phenyl]ethenyl]-1,5-dihydro- (9CI) (CA INDEX NAME)



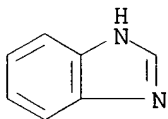
IT 51-17-2D, Benzimidazole, derivs. 69-72-7D, Salicylic acid, derivs. 76-22-2, Camphor 79-10-7D, Acrylic acid, di-Ph derivs. 150-13-0, p-Aminobenzoic acid 290-87-9D, 1,3,5-Triazine, derivs. 621-82-9D, Cinnamic acid, derivs. 1314-13-2, Zinc oxide, biological studies 1314-23-4, Zirconium oxide, biological studies 2440-22-4 11129-18-3, Cerium oxide 13463-67-7, Titanium oxide, biological studies 95963-68-1 123501-65-5 125757-49-5 170864-82-1 170864-83-2 170864-84-3 187393-00-6 187393-02-8 191419-26-8 191419-27-9 191419-28-0 191419-29-1 191419-30-4 254755-41-4 288247-47-2 288247-48-3 288247-49-4 288247-50-7 288247-51-8 288247-52-9

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(synergistic sunscreen compns. contg. **benzotriazole** deriv., bis-**resorciny**l triazine deriv., and compd. with benzoazolyl or benzodiazolyl groups)

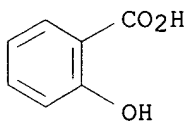
RN 51-17-2 HCAPLUS

CN 1H-Benzimidazole (9CI) (CA INDEX NAME)

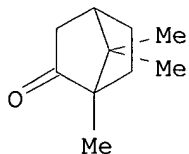


RN 69-72-7 HCAPLUS

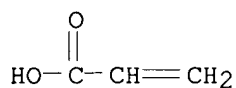
CN Benzoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)



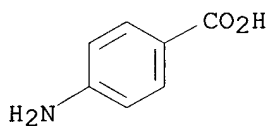
RN 76-22-2 HCAPLUS
 CN Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl- (9CI) (CA INDEX NAME)



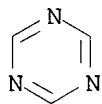
RN 79-10-7 HCAPLUS
 CN 2-Propenoic acid (9CI) (CA INDEX NAME)



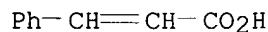
RN 150-13-0 HCAPLUS
 CN Benzoic acid, 4-amino- (9CI) (CA INDEX NAME)



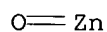
RN 290-87-9 HCAPLUS
 CN 1,3,5-Triazine (9CI) (CA INDEX NAME)



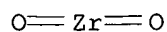
RN 621-82-9 HCAPLUS
 CN 2-Propenoic acid, 3-phenyl- (9CI) (CA INDEX NAME)



RN 1314-13-2 HCAPLUS
 CN Zinc oxide (ZnO) (9CI) (CA INDEX NAME)

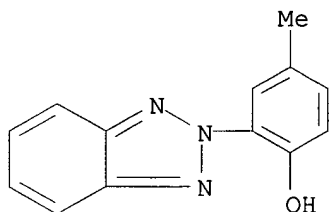


RN 1314-23-4 HCAPLUS
 CN Zirconium oxide (ZrO2) (8CI, 9CI) (CA INDEX NAME)



RN 2440-22-4 HCAPLUS

CN Phenol, 2-(2H-benzotriazol-2-yl)-4-methyl- (9CI) (CA INDEX NAME)

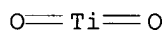


RN 11129-18-3 HCAPLUS

CN Cerium oxide (9CI) (CA INDEX NAME)

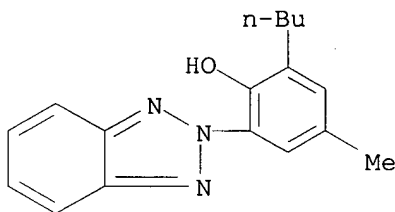
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 13463-67-7 HCAPLUS

CN Titanium oxide (TiO₂) (8CI, 9CI) (CA INDEX NAME)

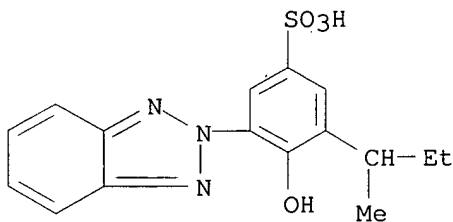
RN 95963-68-1 HCAPLUS

CN Phenol, 2-(2H-benzotriazol-2-yl)-6-butyl-4-methyl- (9CI) (CA INDEX NAME)



RN 123501-65-5 HCAPLUS

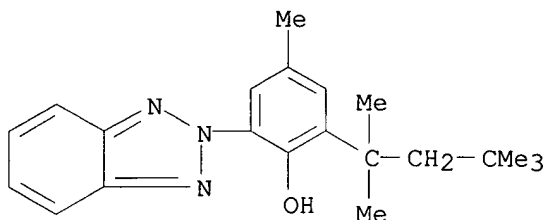
CN Benzenesulfonic acid, 3-(2H-benzotriazol-2-yl)-4-hydroxy-5-(1-methylpropyl)- (9CI) (CA INDEX NAME)



RN 125757-49-5 HCAPLUS

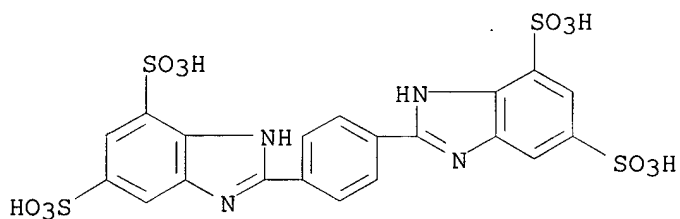
CN Phenol, 2-(2H-benzotriazol-2-yl)-4-methyl-6-(1,1,3,3-tetramethylbutyl)-

(9CI) (CA INDEX NAME)



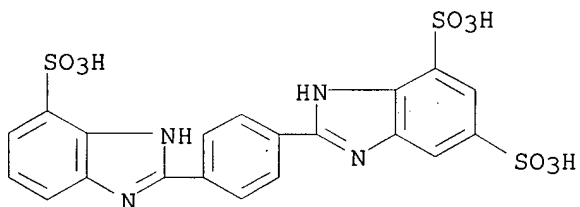
RN 170864-82-1 HCAPLUS

CN 1H-Benzimidazole-4,6-disulfonic acid, 2,2'-(1,4-phenylene)bis- (9CI) (CA INDEX NAME)



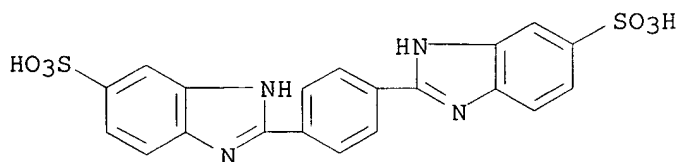
RN 170864-83-2 HCAPLUS

CN 1H-Benzimidazole-4,6-disulfonic acid, 2-[4-(4-sulfo-1H-benzimidazol-2-yl)phenyl]- (9CI) (CA INDEX NAME)



RN 170864-84-3 HCAPLUS

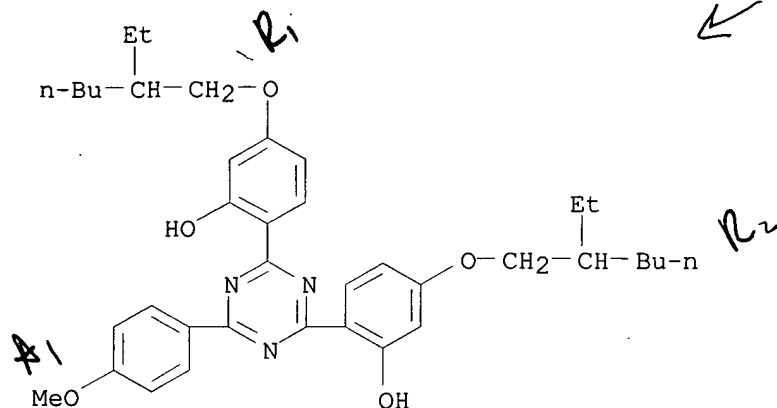
CN 1H-Benzimidazole-5-sulfonic acid, 2,2'-(1,4-phenylene)bis- (9CI) (CA INDEX NAME)



RN 187393-00-6 HCAPLUS

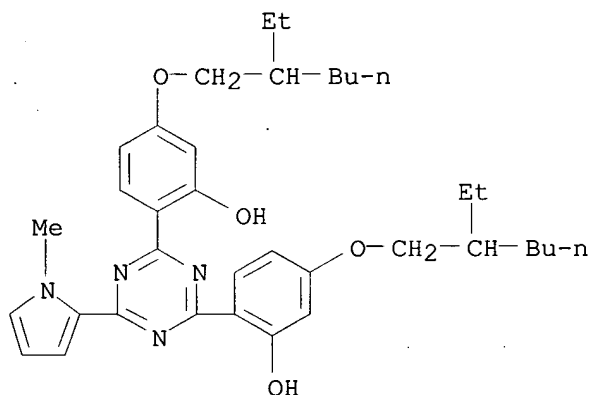
CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[(2-ethylhexyl)oxy]- (9CI) (CA INDEX NAME)

187393-00-6



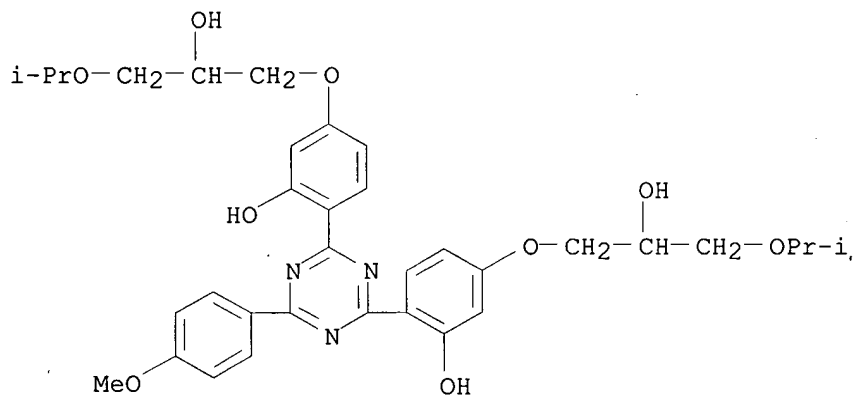
RN 187393-02-8 HCAPLUS

CN Phenol, 2,2'-[6-(1-methyl-1H-pyrrol-2-yl)-1,3,5-triazine-2,4-diyl]bis[5-[(2-ethylhexyl)oxy]- (9CI) (CA INDEX NAME)



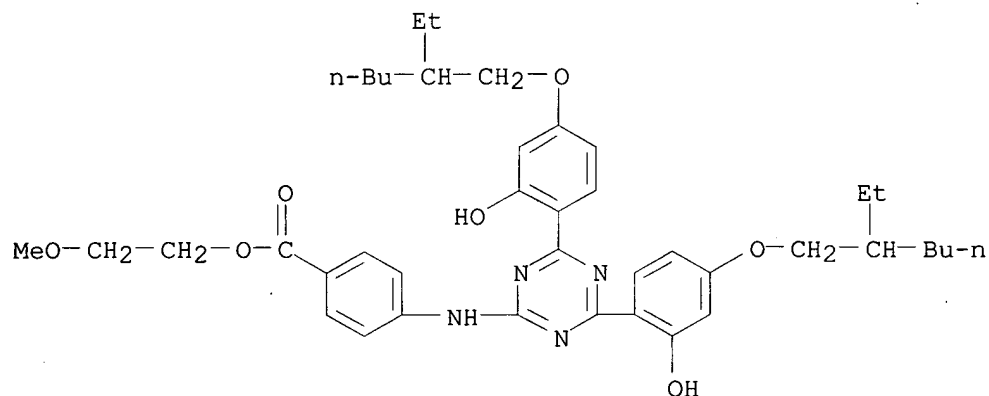
RN 191419-26-8 HCAPLUS

CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[2-hydroxy-3-(1-methylethoxy)propoxy]- (9CI) (CA INDEX NAME)



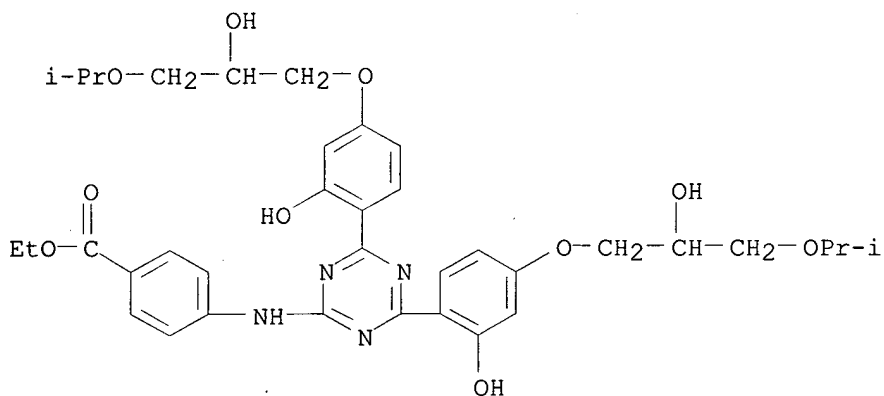
RN 191419-27-9 HCAPLUS

CN Benzoic acid, 4-[[4,6-bis[4-[(2-ethylhexyl)oxy]-2-hydroxyphenyl]-1,3,5-triazin-2-yl]amino]-, 2-methoxyethyl ester (9CI) (CA INDEX NAME)



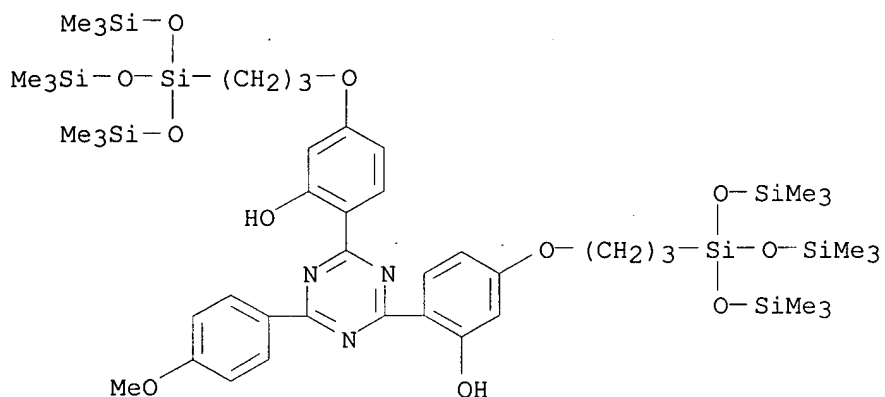
RN 191419-28-0 HCAPLUS

CN Benzoic acid, 4-[[4,6-bis[2-hydroxy-4-[2-hydroxy-3-(1-methylethoxy)propoxy]phenyl]-1,3,5-triazin-2-yl]amino]-, ethyl ester (9CI) (CA INDEX NAME)



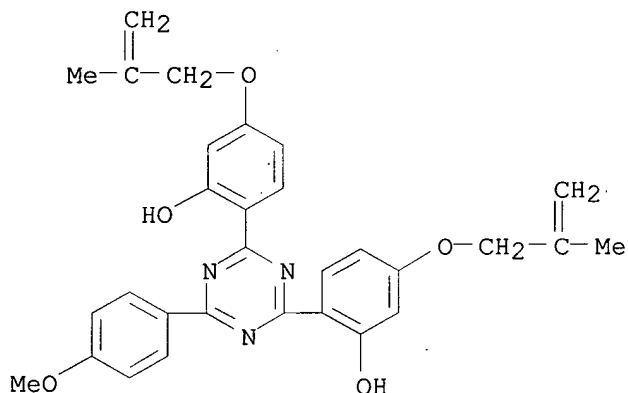
RN 191419-29-1 HCAPLUS

CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[3-[3,3,3-trimethyl-1,1-bis[(trimethylsilyl)oxy]disiloxanyl]propoxy]- (9CI) (CA INDEX NAME)



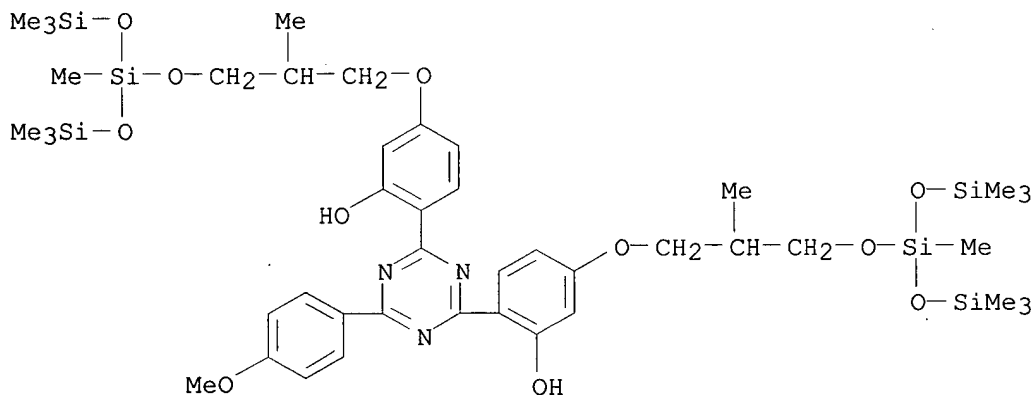
RN 191419-30-4 HCAPLUS

CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[(2-methyl-2-propenyl)oxy]- (9CI) (CA INDEX NAME)

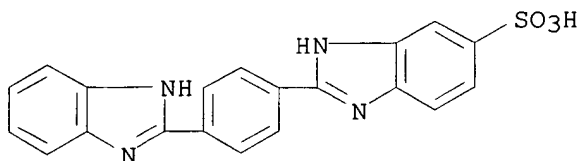


RN 254755-41-4 HCAPLUS

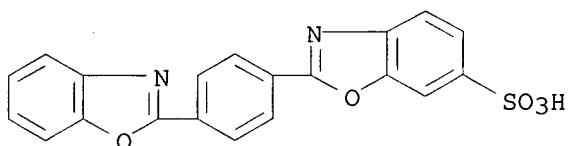
CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[2-methyl-3-[[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]oxy]propoxy]- (9CI) (CA INDEX NAME)



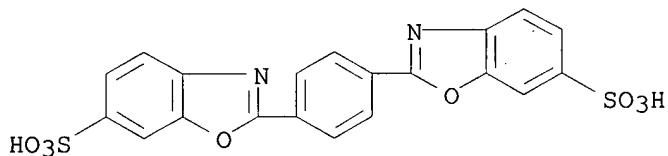
RN 288247-47-2 HCAPLUS

CN 1H-Benzimidazole-5-sulfonic acid, 2-[4-(1H-benzimidazol-2-yl)phenyl]-
(9CI) (CA INDEX NAME)

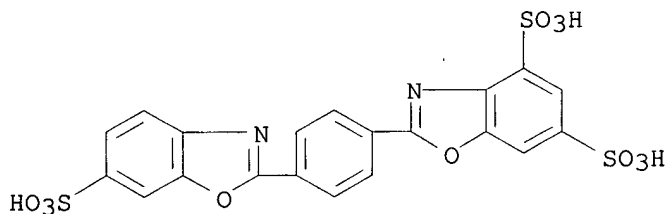
RN 288247-48-3 HCAPLUS

CN 6-Benzoxazolesulfonic acid, 2-[4-(2-benzoxazolyl)phenyl]- (9CI) (CA INDEX
NAME)

RN 288247-49-4 HCAPLUS

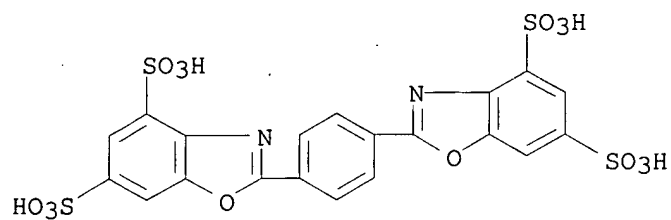
CN 6-Benzoxazolesulfonic acid, 2,2'-(1,4-phenylene)bis- (9CI) (CA INDEX
NAME)

RN 288247-50-7 HCAPLUS

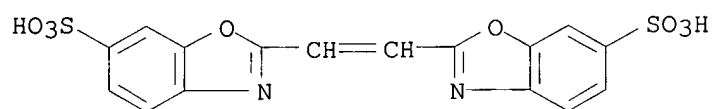
CN 4,6-Benzoxazoledisulfonic acid, 2-[4-(6-sulfo-2-benzoxazolyl)phenyl]-
(9CI) (CA INDEX NAME)

RN 288247-51-8 HCAPLUS

CN 4,6-Benzoxazoledisulfonic acid, 2,2'-(1,4-phenylene)bis- (9CI) (CA INDEX
NAME)



RN 288247-52-9 HCAPLUS
 CN 6-Benzoxazolesulfonic acid, 2,2'-(1,2-ethenediyl)bis- (9CI) (CA INDEX NAME)



=> d ibib abs hitstr 2

L6 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 2000:573635 HCAPLUS
 DOCUMENT NUMBER: 133:182756
 TITLE: Cosmetic compositions for photoprotection of the skin
 and/or hair containing a **benzotriazole**
 derivative and a triazine bis-**resorciny**
 INVENTOR(S): **Candau, Didier**
 PATENT ASSIGNEE(S): L'Oreal, Fr.
 SOURCE: PCT Int. Appl., 37 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000047176	A1	20000817	WO 2000-FR257	20000203
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
FR 2789579	A1	20000818	FR 1999-1729	19990212
FR 2789579	B1	20020201		
EP 1150649	A1	20011107	EP 2000-901711	20000203
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.:			FR 1999-1729	A 19990212
			WO 2000-FR257	W 20000203

OTHER SOURCE(S): MARPAT 133:182756

AB The invention relates to novel cosmetic compns. that can be applied
 topically, esp. for photoprotection of the skin and/or hair, characterized
 in that they comprise (a) a specific **benzotriazole** deriv. as a
 first filter and (b) a specific triazine bis-**resorciny** deriv.
 as a second filter in a cosmetically acceptable, e.g. oil-in-water,
 support (Markush structure given). The invention also relates to the
 application of said cosmetic compns. in order to protect the skin and hair
 from the effects of UV radiation. A photoprotective emulsion contained
 Sinnowax Ao 7, Cerasynt SD 2, cetyl alc. 1.5, polydimethylsiloxane 1,
 Witconol TN 15, 2,4-bis {[4-(2-ethylhexyloxy)-2-hydroxy]-phenyl}-6-(4-
 methoxyphenyl)-1,3,5-triazine 2, glycerin 15, a silicone
benzotriazole 3, preservatives q.s., and water q.s. 100g.

IT 51-17-2D, Benzimidazole, derivs. 69-72-7D, Salicylic
 acid, derivs. 76-22-2D, Camphor, derivs. 79-10-7D,
 Acrylic acid, di-Ph derivs. 101-05-3D, Triazine, derivs.
 119-61-9D, Benzophenone, derivs. 120-46-7D,
 Dibenzoylmethane, derivs. 150-13-0D, di-Ph derivs.
 621-82-9D, Cinnamic acid, derivs. 1314-13-2, Zinc oxide,
 biological studies 1314-23-4, Zirconium oxide, biological
 studies 1332-37-2, Iron oxide, biological studies
 2440-22-4 3147-75-9 11129-18-3, Cerium oxide
 13463-67-7, Titaniumoxide, biological studies 95963-68-1

123501-65-5 187393-00-6 187393-02-8

191419-26-8 191419-27-9 191419-28-0

191419-29-1 191419-30-4 254755-41-4

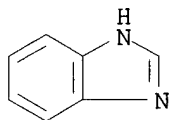
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)

(cosmetic compns. for photoprotection of skin and/or hair contg.

benzotriazole deriv. and triazine bis-**resorciny**l)

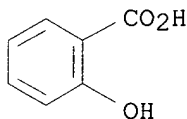
RN 51-17-2 HCAPLUS

CN 1H-Benzimidazole (9CI) (CA INDEX NAME)



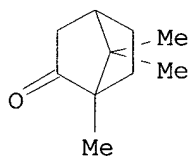
RN 69-72-7 HCAPLUS

CN Benzoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)



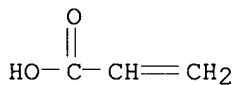
RN 76-22-2 HCAPLUS

CN Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl- (9CI) (CA INDEX NAME)



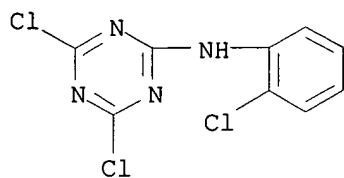
RN 79-10-7 HCAPLUS

CN 2-Propenoic acid (9CI) (CA INDEX NAME)

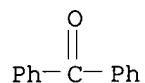


RN 101-05-3 HCAPLUS

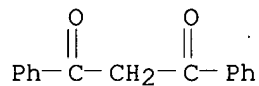
CN 1,3,5-Triazin-2-amine, 4,6-dichloro-N-(2-chlorophenyl)- (9CI) (CA INDEX NAME)



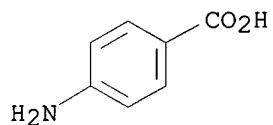
RN 119-61-9 HCAPLUS
CN Methanone, diphenyl- (9CI) (CA INDEX NAME)



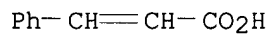
RN 120-46-7 HCAPLUS
CN 1,3-Propanedione, 1,3-diphenyl- (6CI, 8CI, 9CI) (CA INDEX NAME)



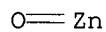
RN 150-13-0 HCAPLUS
CN Benzoic acid, 4-amino- (9CI) (CA INDEX NAME)



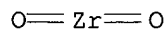
RN 621-82-9 HCAPLUS
CN 2-Propenoic acid, 3-phenyl- (9CI) (CA INDEX NAME)



RN 1314-13-2 HCAPLUS
CN Zinc oxide (ZnO) (9CI) (CA INDEX NAME)



RN 1314-23-4 HCAPLUS
CN Zirconium oxide (ZrO2) (8CI, 9CI) (CA INDEX NAME)



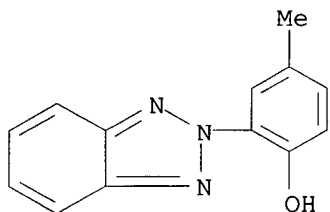
RN 1332-37-2 HCAPLUS

CN Iron oxide (8CI, 9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

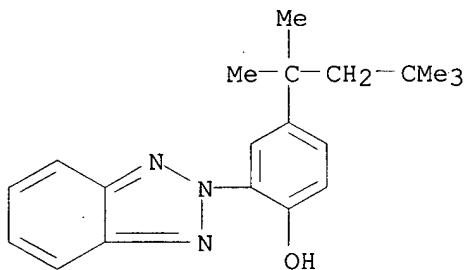
RN 2440-22-4 HCAPLUS

CN Phenol, 2-(2H-benzotriazol-2-yl)-4-methyl- (9CI) (CA INDEX NAME)



RN 3147-75-9 HCAPLUS

CN Phenol, 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)- (7CI, 8CI, 9CI) (CA INDEX NAME)



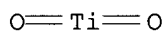
RN 11129-18-3 HCAPLUS

CN Cerium oxide (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

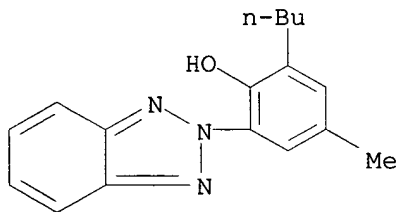
RN 13463-67-7 HCAPLUS

CN Titanium oxide (TiO2) (8CI, 9CI) (CA INDEX NAME)



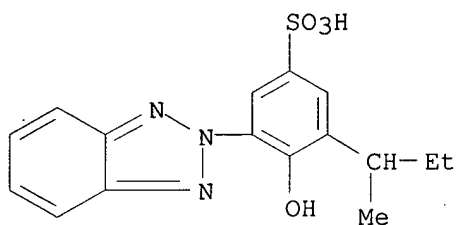
RN 95963-68-1 HCAPLUS

CN Phenol, 2-(2H-benzotriazol-2-yl)-6-butyl-4-methyl- (9CI) (CA INDEX NAME)



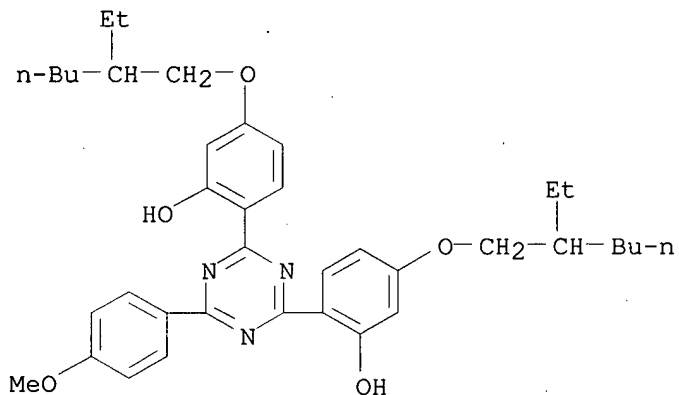
RN 123501-65-5 HCAPLUS

CN Benzenesulfonic acid, 3-(2H-benzotriazol-2-yl)-4-hydroxy-5-(1-methylpropyl)- (9CI) (CA INDEX NAME)



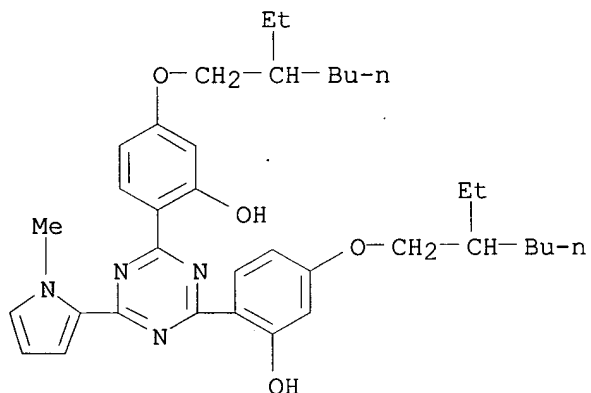
RN 187393-00-6 HCAPLUS

CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[(2-ethylhexyl)oxy]- (9CI) (CA INDEX NAME)



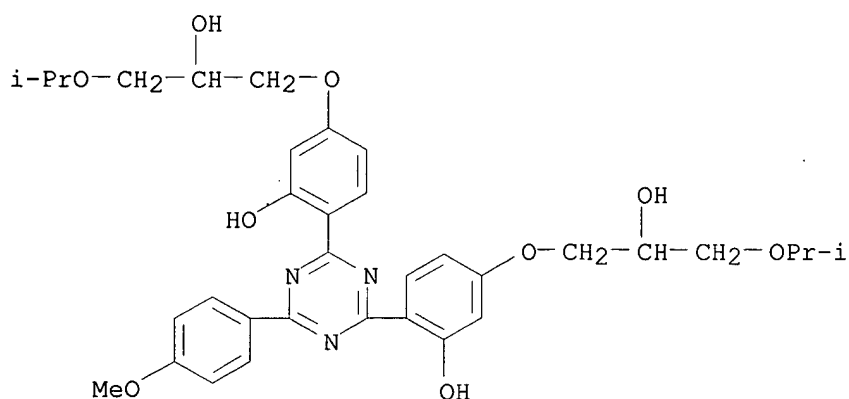
RN 187393-02-8 HCAPLUS

CN Phenol, 2,2'-[6-(1-methyl-1H-pyrrol-2-yl)-1,3,5-triazine-2,4-diyl]bis[5-[(2-ethylhexyl)oxy]- (9CI) (CA INDEX NAME)



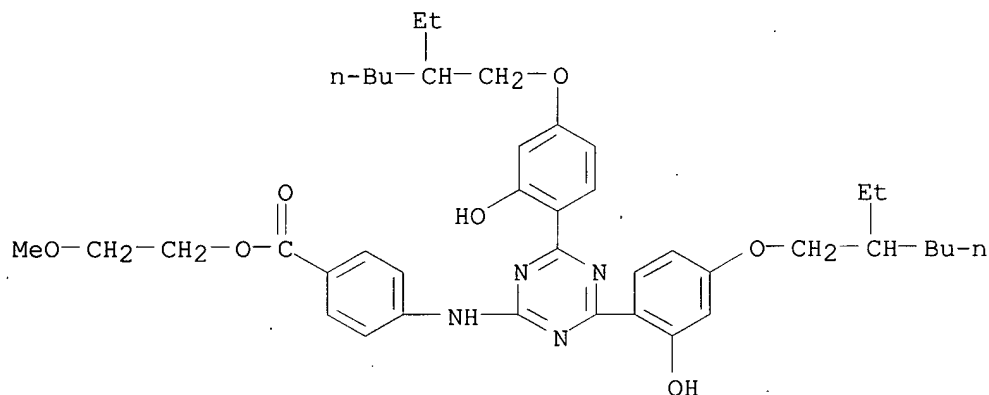
RN 191419-26-8 HCAPLUS

CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[2-hydroxy-3-(1-methylethoxy)propoxy]- (9CI) (CA INDEX NAME)



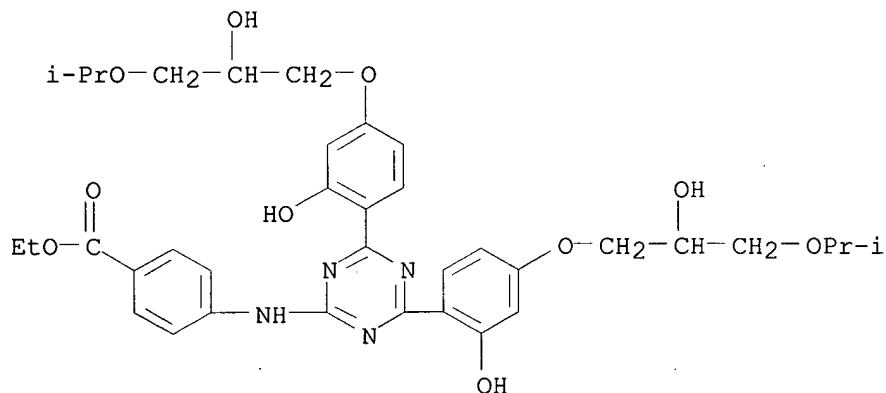
RN 191419-27-9 HCAPLUS

CN Benzoic acid, 4-[[4,6-bis[4-[(2-ethylhexyl)oxy]-2-hydroxyphenyl]-1,3,5-triazin-2-yl]amino]-, 2-methoxyethyl ester (9CI) (CA INDEX NAME)



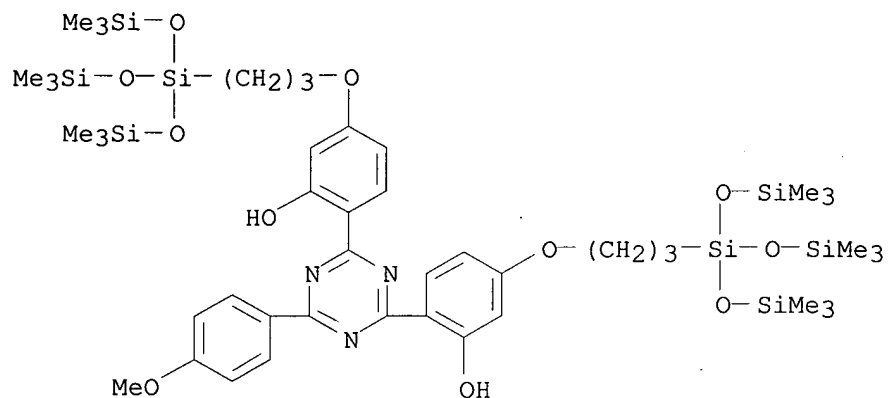
RN 191419-28-0 HCAPLUS

CN Benzoic acid, 4-[[4,6-bis[2-hydroxy-4-[2-hydroxy-3-(1-methylethoxy)propoxy]phenyl]-1,3,5-triazin-2-yl]amino]-, ethyl ester (9CI) (CA INDEX NAME)



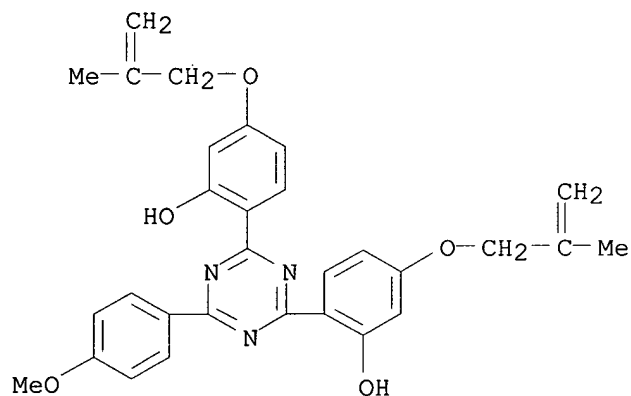
RN 191419-29-1 HCAPLUS

CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[3-[3,3,3-trimethyl-1,1-bis[(trimethylsilyl)oxy]disiloxanyl]propoxy]-(9CI) (CA INDEX NAME)



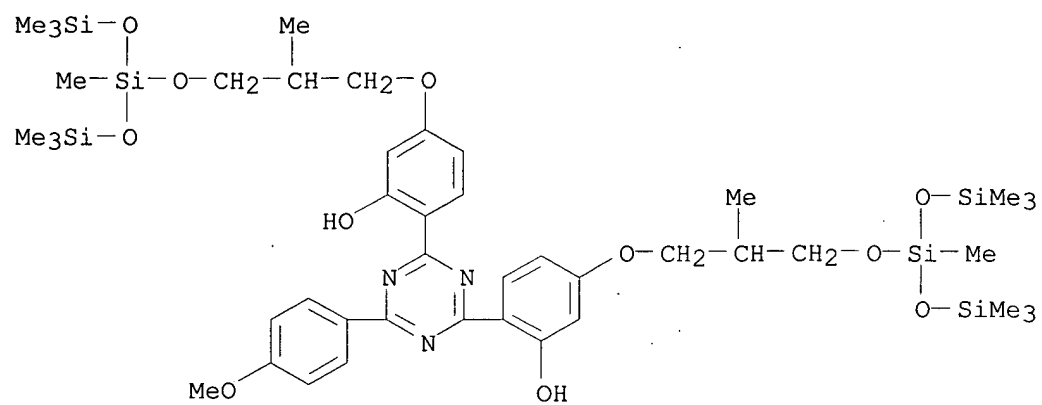
RN 191419-30-4 HCAPLUS

CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[(2-methyl-2-propenyl)oxy]-(9CI) (CA INDEX NAME)



RN 254755-41-4 HCAPLUS

CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[2-methyl-3-[[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]oxy]propoxy]-(9CI) (CA INDEX NAME)



REFERENCE COUNT:

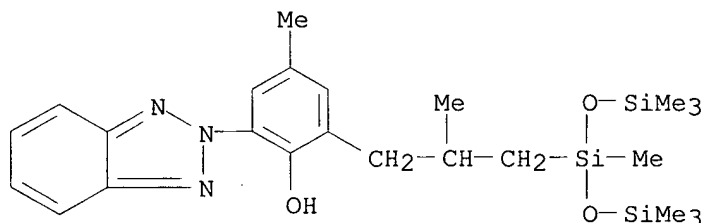
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THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

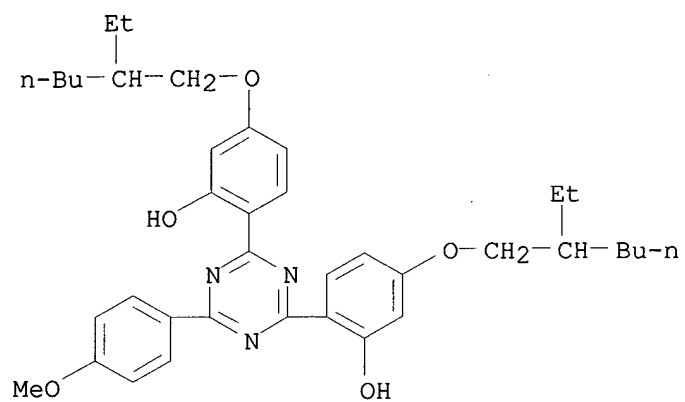
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L17 ANSWER 1 OF 2 HCAPLUS[®] COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 2001:297458 HCAPLUS
 DOCUMENT NUMBER: 134:315906
 TITLE: Water-in-oil emulsions containing at least one insoluble organic UV filter and a non-filtrating organo-modified silicone
 INVENTOR(S): Candau, Didier; Forestier, Serge
 PATENT ASSIGNEE(S): L'Oreal, Fr.
 SOURCE: Eur. Pat. Appl., 28 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1093799	A1	20010425	EP 2000-402819	20001012
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
FR 2799963	A1	20010427	FR 1999-13219	19991022
AU 742925	B2	20020117	AU 2000-66637	20001020
BR 2000005154	A	20010529	BR 2000-5154	20001023
JP 2001151657	A2	20010605	JP 2000-361938	20001023
PRIORITY APPLN. INFO.:			FR 1999-13219	A 19991022
OTHER SOURCE(S): MARPAT 134:315906				
AB Water-in-oil emulsions contg. at least one insol. org. UV filter and a non-filtrating organo-modified silicone are disclosed for photoprotection of skin and hair. An emulsion contained Abil EM90D 2, phenyltrimethylsiloxaytrisiloxane 3, Witconol TN 8, Tinosorb M 5, drometrizole trisiloxane 2, 2,4-bis{[4-2-ethylhexyloxy]-2-hydroxyphenyl}-6-(4-methoxyphenyl)-1,3,5-triazine 2, titanium oxide 3, glycerin 5, magnesium sulfate 0.7, preservatives and water q.s. 100 g.				
IT 155633-54-8 , Drometrizole trisiloxane 187393-00-6 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (emulsions contg. one or more insol. org. UV-filter and associative polymer)				
RN	155633-54-8 HCAPLUS			
CN	Phenol, 2-(2H-benzotriazol-2-yl)-4-methyl-6-[2-methyl-3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propyl]- (9CI) (CA INDEX NAME)			



RN 187393-00-6 HCAPLUS
 CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[(2-ethylhexyl)oxy]- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

1

THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d ibib abs hitstr 2

L17 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:909681 HCAPLUS

DOCUMENT NUMBER: 134:76127

TITLE: Cosmetic and dermatological W/O emulsions containing modified phyllosilicates

INVENTOR(S): Gers-Barlag, Heinrich; Mueller, Anja; Grundt, Wiebke

PATENT ASSIGNEE(S): Beiersdorf A.-G., Germany

SOURCE: Ger. Offen., 14 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19929475	A1	20001228	DE 1999-19929475	19990626
EP 1075834	A2	20010214	EP 2000-112994	20000621
EP 1075834	A3	20010328		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO

PRIORITY APPLN. INFO.: DE 1999-19929475 A 19990626

AB Cosmetic or dermatol. W/O emulsions with a content of at least one modified phyllosilicate and at least one polar UV filter material and/or a polar oil component are disclosed, along with the use of at least one modified phyllosilicate to obtain or increase stability of W/O emulsions.

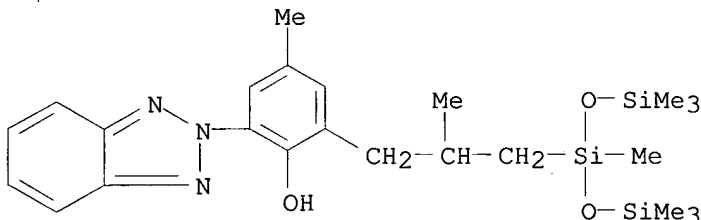
IT 155633-54-8 187393-00-6

RL: BUU (Biological use, unclassified); PEP (Physical, engineering or chemical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)

(UV filter; cosmetic and dermatol. W/O emulsions contg. modified phyllosilicates)

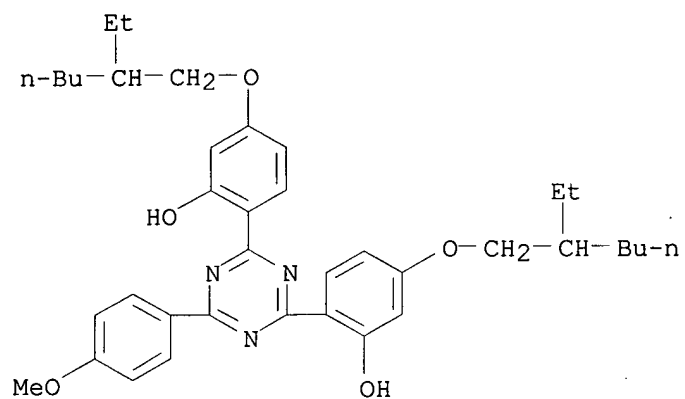
RN 155633-54-8 HCAPLUS

CN Phenol, 2-(2H-benzotriazol-2-yl)-4-methyl-6-[2-methyl-3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propyl]- (9CI) (CA INDEX NAME)



RN 187393-00-6 HCAPLUS

CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[(2-ethylhexyl)oxy]- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

6

THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d ibib abs hitstr 1

L24 ANSWER 1 OF 9 USPATFULL

ACCESSION NUMBER: 2002:8037 USPATFULL

TITLE: Use of sunscreen combinations comprising, as essential constituent, 4,4'-diarylbutadienes as photostable UV filters in cosmetic and pharmaceutical preparations

INVENTOR(S): Heidenfelder, Thomas, Romerberg, GERMANY, FEDERAL REPUBLIC OF
Habeck, Thorsten, Meckenheim, GERMANY, FEDERAL REPUBLIC OF
Wunsch, Thomas, Speyer, GERMANY, FEDERAL REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002004034	A1	20020110
APPLICATION INFO.:	US 2001-805238	A1	20010314 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 2000-10012413	20000315
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Herbert B. Keil, Keil & Weinkauff, 1101 Connecticut Ave, N.W., Washington, DC, 20036	
NUMBER OF CLAIMS:	12	
EXEMPLARY CLAIM:	1	
LINE COUNT:	836	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Sunscreen combinations which comprise, as constituent which absorbs in the UV-A region, 4,4'-diarylbutadienes, and at least one further sunscreen which absorbs in the UV-A region, UV-B region or in both regions, chosen from a group defined in detail in the Description of the Invention below as photostable UV filter combination in cosmetic and pharmaceutical preparations for protecting the human epidermis or human hair against UV radiation, specifically in the range from 320 to 400 nm.

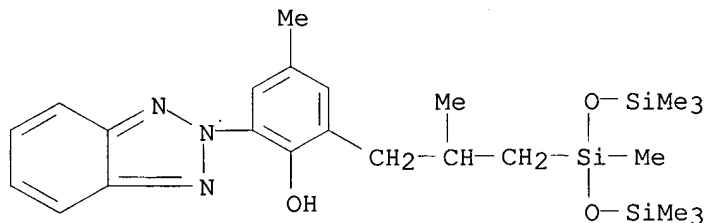
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 155633-54-8

(sunscreen mixts. contg. diarylbutadienes in cosmetics and pharmaceuticals)

RN 155633-54-8 USPATFULL

CN Phenol, 2-(2H-benzotriazol-2-yl)-4-methyl-6-[2-methyl-3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propyl]- (9CI) (CA INDEX NAME)



=> d ibib abs hitstr 2

L24 ANSWER 2 OF 9 USPATFULL

ACCESSION NUMBER: 2002:3597 USPATFULL

TITLE: Use of sunscreen combinations comprising, as essential constituent, amino-substituted hydroxybenzophenones as photostable UV filters in cosmetic and pharmaceutical preparations

INVENTOR(S): Heidenfelder, Thomas, Romerberg, GERMANY, FEDERAL REPUBLIC OF
Habeck, Thorsten, Meckenheim, GERMANY, FEDERAL REPUBLIC OF
Wunsch, Thomas, Speyer, GERMANY, FEDERAL REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002001570	A1	20020103
APPLICATION INFO.:	US 2001-805727	A1	20010307 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 2000-10012408	20000315
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Herbert B. Keil, KEIL & WEINKAUF, 1101 Connecticut Ave., N.W., Washington, DC, 20036	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
LINE COUNT:	909	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Use of sunscreen combinations comprising as essential constituent, amino-substituted hydroxybenzophenones as photostable UV filters in cosmetic and pharmaceutical preparations.

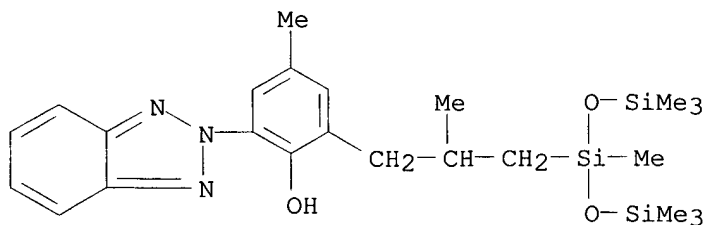
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 155633-54-8

(mixts. of photoprotectants comprising aminohydroxybenzophenones in cosmetics and pharmaceuticals)

RN 155633-54-8 USPATFULL

CN Phenol, 2-(2H-benzotriazol-2-yl)-4-methyl-6-[2-methyl-3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propyl]- (9CI) (CA INDEX NAME)



=> d ibib abs hitrn 3

L24 ANSWER 3 OF 9 USPATFULL

ACCESSION NUMBER: 2001:205409 USPATFULL

TITLE: Synergistically UV-photoprotecting benzotriazole-substituted silicon/cinnamic acid compositions

INVENTOR(S): Agostini, Isabelle, Chatenay Malabry, France
Arnaud, Pascal, L'Hay Les Roses, France
Guillard, Sylvie, Bondy, France

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001041167	A1	20011115
APPLICATION INFO.:	US 2001-796636	A1	20010302 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2000-FR1696, filed on 20 Jun 2000, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1999-8568	19990702
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	BURNS DOANE SWECKER & MATHIS L L P, POST OFFICE BOX 1404, ALEXANDRIA, VA, 22313-1404	
NUMBER OF CLAIMS:	27	
EXEMPLARY CLAIM:	1	
LINE COUNT:	647	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Topically applicable cosmetic/dermatological compositions suited for improvedly UV-photoprotecting human skin and/or hair against the deleterious effects of ultraviolet irradiation, advantageously oil-in-water emulsions, contain SPF-synergistically enhancing amounts of (a) at least one UV-screening benzotriazole-substituted silicon compound and (b) at least one UV-screening cinnamic acid derivative, formulated into (c) a topically applicable, cosmetically/dermatologically acceptable vehicle, diluent or carrier therefor.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 155633-54-8

(sunscreen compns. comprising benzotriazole-contg. silicones and cinnamic acid derivs.)

=> d ibib abs hitrn 4

L24 ANSWER 4 OF 9 USPATFULL

ACCESSION NUMBER: 2001:170742 USPATFULL

TITLE: Cosmetic and dermatological light protection
formulations with a content of benzotriazole
derivatives and alkyl naphthalatesINVENTOR(S): Gers-Barlag, Heinrich, Kummerfeld, Germany, Federal
Republic of
Wendel, Volker, Hamburg, Germany, Federal Republic of
Grundt, Wiebke, Buchholz, Germany, Federal Republic of

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001026790	A1	20011004
	US 6355230	B2	20020312
APPLICATION INFO.:	US 2001-793298	A1	20010226 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 2000-10008896	20000225
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Kurt G. Briscoe, Esq., Norris McLaughlin & Marcus, P.A., 30th Floor, 220 East 42nd Street, New York, NY, 10017	
NUMBER OF CLAIMS:	9	
EXEMPLARY CLAIM:	1	
LINE COUNT:	696	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An active ingredient combination effective for light protection and
composed of(a) one or more UV filter substances selected from the group of
benzotriazole derivatives and(b) one or more dialkyl naphthalates having the structural formula
##STR1##in which R.sup.1 and R.sup.2 are, independently of one another, selected
from the group of branched and unbranched alkyl groups having 6 to 24
carbon atoms.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 155633-54-8, Drometrizole trisiloxane
(sunscreen formulations contg. benzotriazole and dialkylnaphthalate
derivs.)

=> d ibib abs hitrn 5

L24 ANSWER 5 OF 9 USPATFULL

ACCESSION NUMBER: 2001:51548 USPATFULL

TITLE: Photoprotective/cosmetic compositions comprising
benzotriazole and benzoazolyl/benzodiazolyl sunscreens

INVENTOR(S): Candau, Didier, Bievres, France

PATENT ASSIGNEE(S): Societe L'Oreal S.A., Paris, France (non-U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6214324	B1	20010410
APPLICATION INFO.:	US 2000-503941		20000214 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1999-1728	19990212
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Dodson, Shelley A.	
LEGAL REPRESENTATIVE:	Burns, Doane, Swecker & Mathis, L.L.P.	
NUMBER OF CLAIMS:	34	
EXEMPLARY CLAIM:	1	
LINE COUNT:	694	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Topically applicable sunscreen/cosmetic compositions well suited for the synergistically enhanced photoprotection of human skin and/or hair against the damaging effects of UV-irradiation, particularly solar radiation, comprise synergistically UV-photoprotecting effective amounts of each of (a) at least one benzotriazole compound, and (b) at least one compound containing at least two benzoazolyl groups and/or at least one benzodiazolyl group, formulated into a topically applicable, cosmetically acceptable vehicle, diluent or carrier therefore.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 155633-54-8

(sunscreen compns. contg. benzotriazole deriv., and compd. contg. benzoazolyle or benzodiazolyle groups)

=> d ibib abs hitrn 6

L24 ANSWER 6 OF 9 USPATFULL

ACCESSION NUMBER: 2001:4254 USPATFULL
 TITLE: Synergistically UV-photoprotecting **triazine**
 /silicone compositions
 INVENTOR(S): Allard, Delphine, Colombes, France
 Gombert, Christele, Saint Gratien, France
 PATENT ASSIGNEE(S): Societe L'Oreal S.A., Paris, France (non-U.S.
 corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6171579	B1	20010109
APPLICATION INFO.:	US 1999-258852		19990226 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1998-2416	19980227
DOCUMENT TYPE:	Patent	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Dodson, Shelley A.	
LEGAL REPRESENTATIVE:	Burns, Doane, Swecker & Mathis, L.L.P.	
NUMBER OF CLAIMS:	28	
EXEMPLARY CLAIM:	1	
LINE COUNT:	688	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to novel cosmetic and/or dermatological compositions, in particular for photoprotecting the skin and/or the hair, characterized in that they comprise, in a cosmetically acceptable support in particular of oil-in-water type, (i) as first screening agent, at least one specific 1,3,5-**triazine** derivative, and (ii) as second screening agent, a silicon derivative containing a benzotriazole function, the said first and second screening agents being present in the said compositions in an amount which is effective for producing synergistic activity with respect to the sun protection factors imparted.

Application to protecting the skin and the hair against the effects of ultraviolet radiation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT **155633-54-8D**, mixts. with 1,3,5-triazine derivs.
 (synergistic sunscreen compns.)

=> d ibib abs hitrn 7

L24 ANSWER 7 OF 9 USPATFULL

ACCESSION NUMBER: 2000:149704 USPATFULL

TITLE: Photoprotective/cosmetic compositions comprising
benzotriazole-substituted silicon sunscreens and
cinnamic/salicylic acid solubilizing agents therefor

INVENTOR(S): Hansenne, Isabelle, Westfield, NJ, United States

Josso, Martin, Paris, France

De Chabannes, Karine, Orleans, France

PATENT ASSIGNEE(S): Societe L'Oreal S.A., Paris, France (non-U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6143282		20001107
APPLICATION INFO.:	US 1999-397513		19990917 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1998-12042	19980925
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Dodson, Shelley A.	
LEGAL REPRESENTATIVE:	Burns, Doane, Swecker & Mathis, L.L.P.	
NUMBER OF CLAIMS:	36	
EXEMPLARY CLAIM:	1	
LINE COUNT:	644	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Topically applicable cosmetic/dermatological sunscreen compositions well suited for the UV-photoprotection of human skin and/or hair against the damaging effects of UV-A and UV-B irradiation, particularly solar radiation, comprise (i) a UV-photoprotecting effective amount of at least one solubilized organolipophilic silicon compound, whether solid silane or organopolysiloxane, bearing a benzotriazole function substituent and (ii) an amount of at least one cinnamic acid sunscreen compound and/or at least one salicylic acid sunscreen compound effective to (substantially) dissolve said at least one organolipophilic silicon compound.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 155633-54-8

(skin and hair photoprotective cosmetic compns. contg.
benzotriazole-contg. silicones and cinnamic acid derivs.)

=> d ibib abs hitrn 8

L24 ANSWER 8 OF 9 USPATFULL

ACCESSION NUMBER: 2000:105406 USPATFULL

TITLE: Photoprotective/cosmetic compositions comprising
benzotriazole-substituted silicon compounds and benzoic
triacid triestersINVENTOR(S): Arnaud, Pascal, L'Hay les Roses, France
Viard, Martine, Paris, FrancePATENT ASSIGNEE(S): Societe L'Oreal S.A., Paris, France (non-U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6103221		20000815
APPLICATION INFO.:	US 1999-397514		19990917 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1998-11946	19980924
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Dodson, Shelley A.	
LEGAL REPRESENTATIVE:	Burns, Doane, Swecker & Mathis, L.L.P.	
NUMBER OF CLAIMS:	32	
EXEMPLARY CLAIM:	1	
LINE COUNT:	679	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Topically applicable cosmetic/dermatological sunscreen compositions well suited for the UV-photoprotection of human skin and/or hair against the damaging effects of UV-A and UV-B irradiation, particularly solar radiation, comprise (i) a UV-photoprotecting effective amount of at least one solubilized organolipophilic silicon compound, whether silane or organopolysiloxane, bearing a benzotriazole function substituent and (ii) an amount of at least one benzoic triacid triester effective to (substantially) dissolve said at least one organolipophilic silicon compound.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 155633-54-8

(skin and hair photoprotective cosmetic compns. contg.
benzotriazole-contg. silicones and cinnamic acid derivs.)

=> d ibib abs hitrn 9

L24 ANSWER 9 OF 9 USPATFULL

ACCESSION NUMBER: 2000:24303 USPATFULL

TITLE: Photoprotective cosmetic/dermatological compositions
comprising synergistic admixture of sunscreen compounds

INVENTOR(S): Hansenne, Isabelle, Paris, France

PATENT ASSIGNEE(S): Societe L'Oreal S.A., Paris, France (non-U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6030629		20000229
APPLICATION INFO.:	US 1998-28359		19980224 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1997-2162	19970224
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Russel, Jeffrey E.	
LEGAL REPRESENTATIVE:	Burns, Doane, Swecker & Mathis, L.L.P.	
NUMBER OF CLAIMS:	23	
EXEMPLARY CLAIM:	1	
LINE COUNT:	556	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Topically applicable sunscreen/cosmetic compositions well suited for enhanced SPF photoprotection of human skin and/or hair against the damaging effects of UV-A and UV-B irradiation, particularly solar radiation, comprise synergistically effective amounts of (i) particular benzotriazole-substituted silicon compounds and (ii) particular sulfonic/benzimidazole compounds, formulated into appropriate vehicles, diluents or carriers therefor, advantageously formulated as oil-in-water emulsions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 155633-54-8

(sun-protection cosmetic compns. for skin and/or hair contg. synergic mixt. of benzimidazole sulfonate and benzotriazole-contg. silicones)

LAMM 09/927,488

=> d ibib abs hitstr 1

L9 ANSWER 1 OF 10 HCAPLUS 2COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 2002:47510 HCAPLUS
 DOCUMENT NUMBER: 136:107233
 TITLE: Skin tanning compositions containing at least a
 sunscreen and a flavylum salt non-substituted in
 position 3
 INVENTOR(S): Candau, Didier; Forestier, Serge
 PATENT ASSIGNEE(S): L'Oreal, Fr.
 SOURCE: Eur. Pat. Appl., 17 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1172092	A1	20020116	EP 2001-401747	20010629
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
FR 2811554	A1	20020118	FR 2000-9117	20000712
BR 2001003752	A	20020226	BR 2001-3752	20010712
JP 2002068940	A2	20020308	JP 2001-212785	20010712

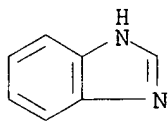
PRIORITY APPLN. INFO.: FR 2000-9117 A 20000712
 OTHER SOURCE(S): MARPAT 136:107233

AB Cosmetic tanning compns. contg. the title compds. are disclosed. A
 tanning compn. contained polyoxyethylene polyoxypropylene siloxane 10,
 cyclopentadimethylsiloxane 12.5, mixt. of natural tocopherol and soya oil
 0.1, sodium chloride 2, propylene glycol 23, butylene glycol 5,
 dipropylene glycol 10, dihydroxyacetone 4, trisodium citrate 0.542, citric
 acid 0.209, and water 32.649 g.

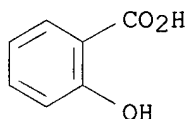
IT 51-17-2D, Benzimidazole, derivs. 69-72-7D, Salicylic
 acid, derivs. 76-22-2D, Camphor, derivs. 95-14-7D, 1H-
 Benzotriazole, derivs. 96-26-4, Dihydroxyacetone
 101-05-3D, Triazine, derivs. 118-60-5, 2-Ethylhexyl
 salicylate 119-61-9D, Benzophenone, derivs. 120-46-7D,
 Dibenzoylmethane, derivs. 131-57-7, Benzophenone 3
 150-13-0D, p-Aminobenzoic acid, derivs. 621-82-9D,
 Cinnamic acid, derivs. 1151-98-0, Apigeninidin chloride
 1154-78-5 1314-13-2, Zinc oxide, biological studies
 1314-23-4, Zirconium oxide, biological studies 1332-37-2
 , Iron oxide, biological studies 4065-45-6, Benzophenone 4
 4082-08-0 4134-79-6 5466-77-3
 6197-30-4, Octocrylene 6628-37-1, Benzophenone 5
 11129-18-3, Cerium oxide 13463-67-7, Titanium oxide,
 biological studies 15402-04-7 18393-49-2
 27503-81-7 28299-33-4D, Imidazoline, derivs.
 36861-47-9 58087-02-8D, derivs. 65618-21-5
 70356-09-1, Butyl methoxydibenzoylmethane 88122-99-0,
 Uvinul T150 89475-36-5 103597-45-1, Tinosorb M
 154702-15-5, Uvasorb HEB 155633-54-8, Drometrizole
 trisiloxane 191419-26-8, Anisotriazine 349580-12-7,
 Neo Heliopan AP

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (skin tanning compns. contg. at least sunscreen and flavylum salt)

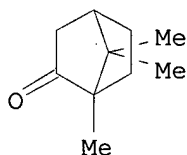
RN 51-17-2 HCAPLUS
 CN 1H-Benzimidazole (9CI) (CA INDEX NAME)



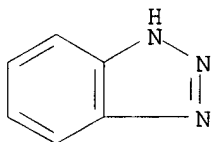
RN 69-72-7 HCAPLUS
CN Benzoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)



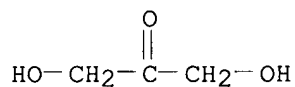
RN 76-22-2 HCAPLUS
CN Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl- (9CI) (CA INDEX NAME)



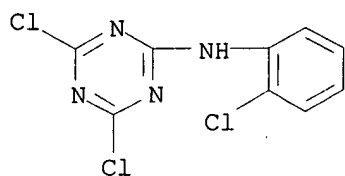
RN 95-14-7 HCAPLUS
CN 1H-Benzotriazole (8CI, 9CI) (CA INDEX NAME)



RN 96-26-4 HCAPLUS
CN 2-Propanone, 1,3-dihydroxy- (8CI, 9CI) (CA INDEX NAME)

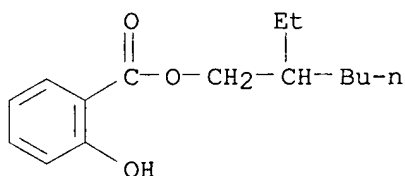


RN 101-05-3 HCAPLUS
CN 1,3,5-Triazin-2-amine, 4,6-dichloro-N-(2-chlorophenyl)- (9CI) (CA INDEX NAME)



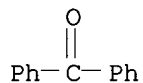
RN 118-60-5 HCAPLUS

CN Benzoic acid, 2-hydroxy-, 2-ethylhexyl ester (9CI) (CA INDEX NAME)



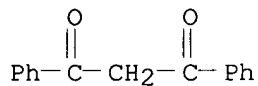
RN 119-61-9 HCAPLUS

CN Methanone, diphenyl- (9CI) (CA INDEX NAME)



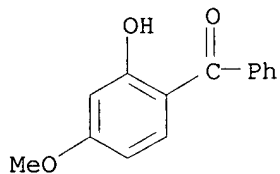
RN 120-46-7 HCAPLUS

CN 1,3-Propanedione, 1,3-diphenyl- (6CI, 8CI, 9CI) (CA INDEX NAME)



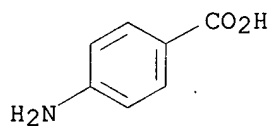
RN 131-57-7 HCAPLUS

CN Methanone, (2-hydroxy-4-methoxyphenyl)phenyl- (9CI) (CA INDEX NAME)

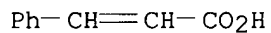


RN 150-13-0 HCAPLUS

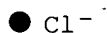
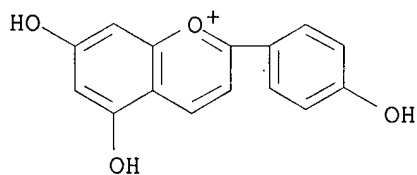
CN Benzoic acid, 4-amino- (9CI) (CA INDEX NAME)



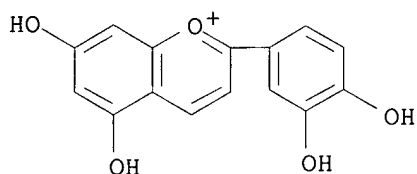
RN 621-82-9 HCAPLUS
CN 2-Propenoic acid, 3-phenyl- (9CI) (CA INDEX NAME)



RN 1151-98-0 HCAPLUS
CN 1-Benzopyrylium, 5,7-dihydroxy-2-(4-hydroxyphenyl)-, chloride (9CI) (CA INDEX NAME)



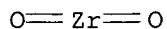
RN 1154-78-5 HCAPLUS
CN 1-Benzopyrylium, 2-(3,4-dihydroxyphenyl)-5,7-dihydroxy-, chloride (9CI) (CA INDEX NAME)



RN 1314-13-2 HCAPLUS
CN Zinc oxide (ZnO) (9CI) (CA INDEX NAME)



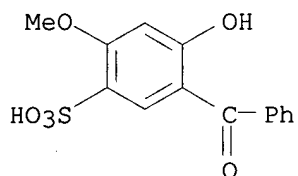
RN 1314-23-4 HCAPLUS
CN Zirconium oxide (ZrO₂) (8CI, 9CI) (CA INDEX NAME)



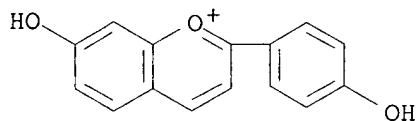
RN 1332-37-2 HCAPLUS
 CN Iron oxide (8CI, 9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

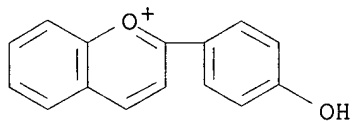
RN 4065-45-6 HCAPLUS
 CN Benzenesulfonic acid, 5-benzoyl-4-hydroxy-2-methoxy- (7CI, 8CI, 9CI) (CA INDEX NAME)



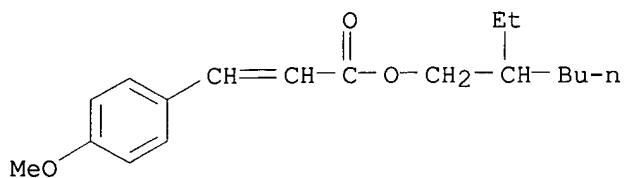
RN 4082-08-0 HCAPLUS
 CN 1-Benzopyrylium, 7-hydroxy-2-(4-hydroxyphenyl)-, chloride (9CI) (CA INDEX NAME)



RN 4134-79-6 HCAPLUS
 CN 1-Benzopyrylium, 2-(4-hydroxyphenyl)-, chloride (9CI) (CA INDEX NAME)

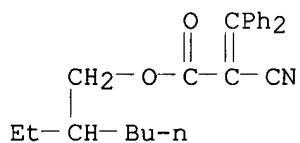


RN 5466-77-3 HCAPLUS
 CN 2-Propenoic acid, 3-(4-methoxyphenyl)-, 2-ethylhexyl ester (9CI) (CA INDEX NAME)



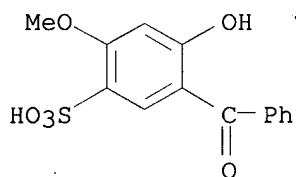
RN 6197-30-4 HCAPLUS

CN 2-Propenoic acid, 2-cyano-3,3-diphenyl-, 2-ethylhexyl ester (9CI) (CA INDEX NAME)



RN 6628-37-1 HCAPLUS

CN Benzenesulfonic acid, 5-benzoyl-4-hydroxy-2-methoxy-, monosodium salt (9CI) (CA INDEX NAME)



● Na

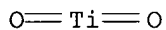
RN 11129-18-3 HCAPLUS

CN Cerium oxide (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

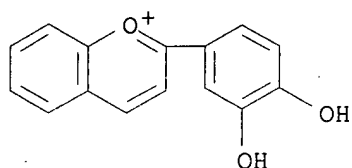
RN 13463-67-7 HCAPLUS

CN Titanium oxide (TiO2) (8CI, 9CI) (CA INDEX NAME)



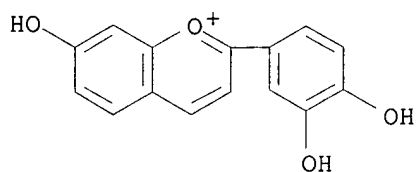
RN 15402-04-7 HCAPLUS

CN 1-Benzopyrylium, 2-(3,4-dihydroxyphenyl)-, chloride (9CI) (CA INDEX NAME)



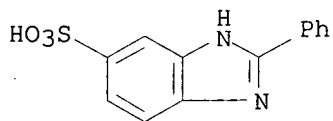
● Cl⁻

RN 18393-49-2 HCAPLUS
CN 1-Benzopyrylium, 2-(3,4-dihydroxyphenyl)-7-hydroxy-, chloride (9CI) (CA INDEX NAME)



● Cl⁻

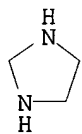
RN 27503-81-7 HCAPLUS
CN 1H-Benzimidazole-5-sulfonic acid, 2-phenyl- (9CI) (CA INDEX NAME)



RN 28299-33-4 HCAPLUS
CN 1H-Imidazole, dihydro- (9CI) (CA INDEX NAME)

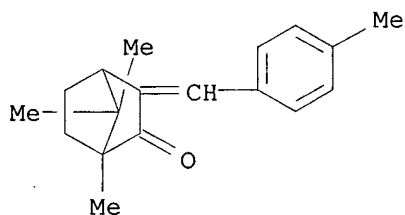
CM 1

CRN 504-74-5
CMF C3 H8 N2



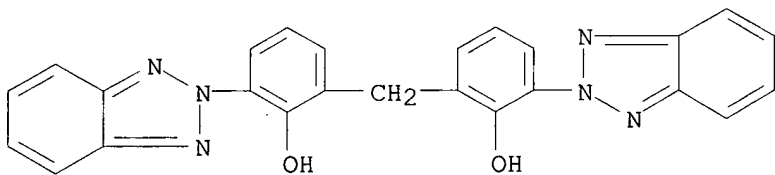
RN 36861-47-9 HCAPLUS

CN Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl-3-[(4-methylphenyl)methylene]-
(9CI) (CA INDEX NAME)



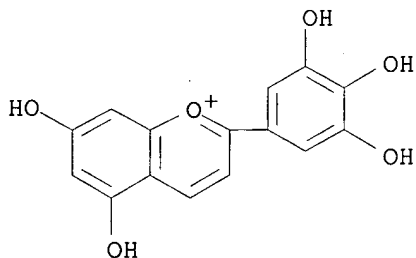
RN 58087-02-8 HCAPLUS

CN Phenol, 2,2'-methylenebis[6-(2H-benzotriazol-2-yl)- (9CI) (CA INDEX NAME)



RN 65618-21-5 HCAPLUS

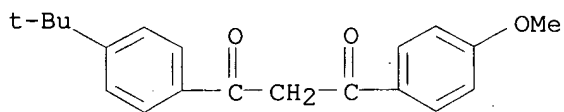
CN 1-Benzopyrylium, 5,7-dihydroxy-2-(3,4,5-trihydroxyphenyl)-, chloride (9CI)
(CA INDEX NAME)



● Cl⁻

RN 70356-09-1 HCAPLUS

CN 1,3-Propanedione, 1-[4-(1,1-dimethylethyl)phenyl]-3-(4-methoxyphenyl)-
(9CI) (CA INDEX NAME)

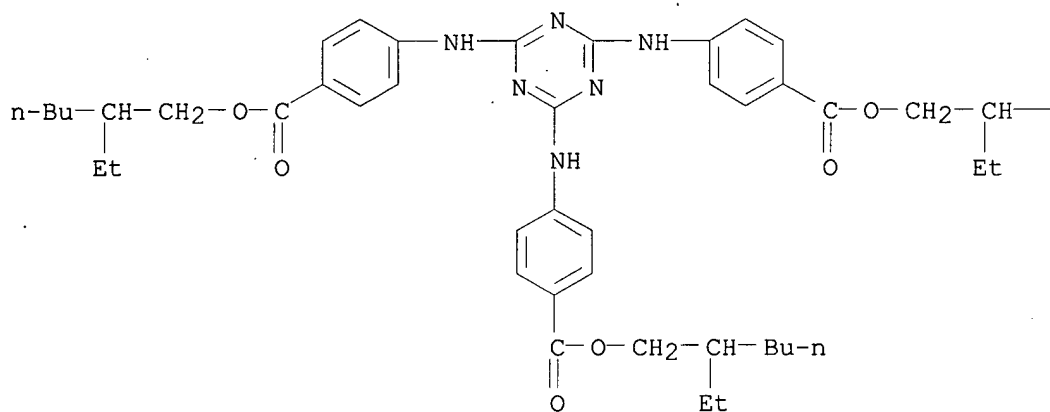


RN 88122-99-0 HCAPLUS

CN Benzoic acid, 4,4',4''-(1,3,5-triazine-2,4,6-triyltriimino)tris-,

tris(2-ethylhexyl) ester (9CI) (CA INDEX NAME)

PAGE 1-A

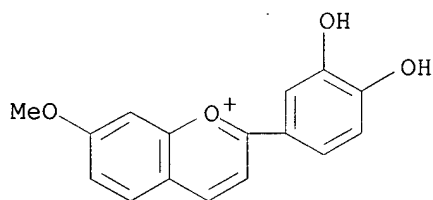


PAGE 1-B

— Bu-n

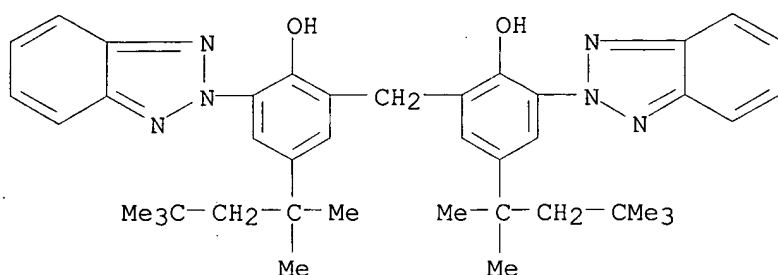
RN 89475-36-5 HCAPLUS

CN 1-Benzopyrylium, 2-(3,4-dihydroxyphenyl)-7-methoxy-, chloride (9CI) (CA INDEX NAME)

● Cl⁻

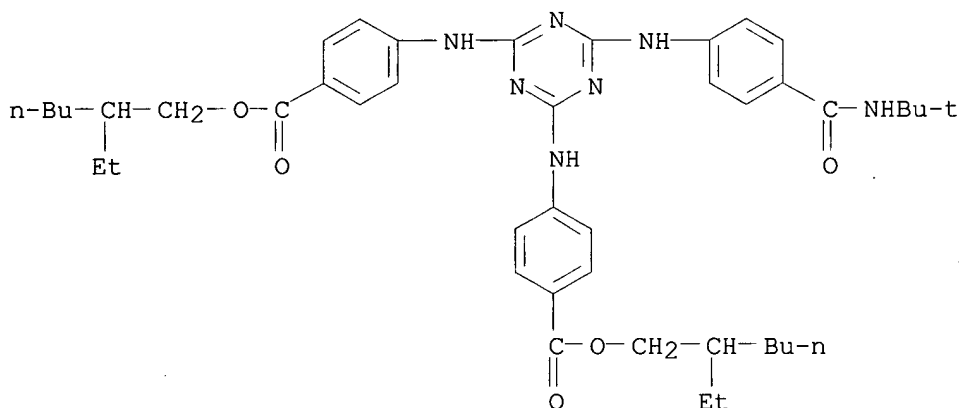
RN 103597-45-1 HCAPLUS

CN Phenol, 2,2'-methylenebis[6-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)- (9CI) (CA INDEX NAME)



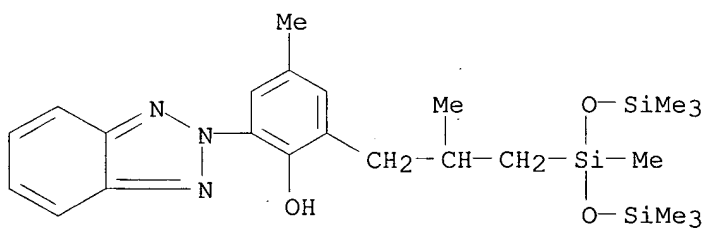
RN 154702-15-5 HCAPLUS

CN Benzoic acid, 4,4'-[[6-[[4-[[[(1,1-dimethylethyl)amino]carbonyl]phenyl]amino]-1,3,5-triazine-2,4-diyl]diimino]bis-, bis(2-ethylhexyl) ester (9CI)
(CA INDEX NAME)



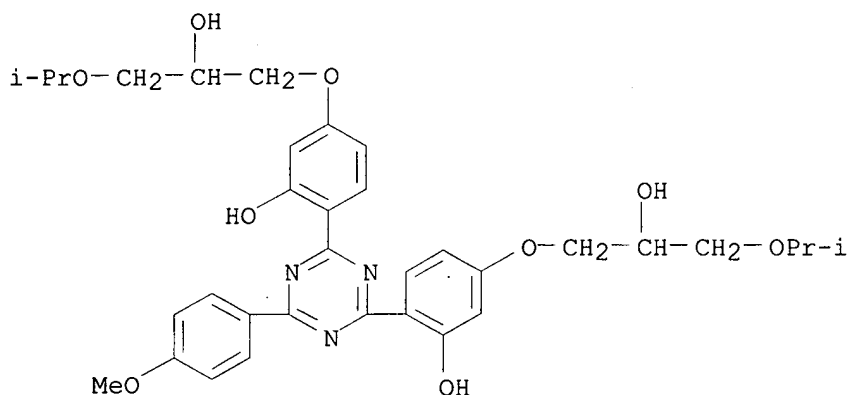
RN 155633-54-8 HCAPLUS

CN Phenol, 2-(2H-benzotriazol-2-yl)-4-methyl-6-[2-methyl-3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propyl]- (9CI) (CA INDEX NAME)



RN 191419-26-8 HCAPLUS

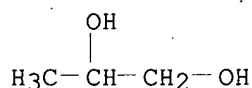
CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[2-hydroxy-3-(1-methylethoxy)propoxy]- (9CI) (CA INDEX NAME)



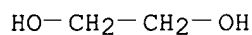
RN 349580-12-7 HCAPLUS
 CN Neo Heliopan AP (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

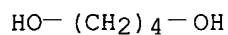
IT 57-55-6, Propylene glycol, uses 107-21-1, Ethylene glycol, uses 110-63-4, Butylene glycol, uses 111-46-6, Diethylene glycol, uses 25265-71-8, Dipropylene glycol
 RL: NUU (Other use, unclassified); USES (Uses)
 (skin tanning compns. contg. at least sunscreen and flavylum salt)
 RN 57-55-6 HCAPLUS
 CN 1,2-Propanediol (8CI, 9CI) (CA INDEX NAME)



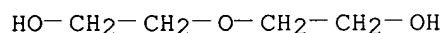
RN 107-21-1 HCAPLUS
 CN 1,2-Ethanediol (9CI) (CA INDEX NAME)



RN 110-63-4 HCAPLUS
 CN 1,4-Butanediol (8CI, 9CI) (CA INDEX NAME)

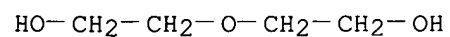


RN 111-46-6 HCAPLUS
 CN Ethanol, 2,2'-oxybis- (9CI) (CA INDEX NAME)



RN 25265-71-8 HCAPLUS
 CN Propanol, oxybis- (9CI) (CA INDEX NAME)

LAMM 09/927,488



2 (D1-Me)

REFERENCE COUNT:

5

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L9 ANSWER 2 OF 10 HCAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 2001:297455 HCAPLUS
 DOCUMENT NUMBER: 134:315904
 TITLE: Process for the photostabilization of sunscreens
 derived from dibenzoylmethane by an insoluble organic
 sunscreen
 INVENTOR(S): Candau, Didier; Pisson, Anne-Marie
 PATENT ASSIGNEE(S): L'Oreal, Fr.
 SOURCE: Eur. Pat. Appl., 20 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1093797	A1	20010425	EP 2000-402809	20001011
EP 1093797	B1	20020220		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
FR 2799966	A1	20010427	FR 1999-13222	19991022
AU 740339	B2	20011101	AU 2000-66642	20001020
BR 2000006736	A	20010522	BR 2000-6736	20001023
JP 2001192351	A2	20010717	JP 2000-361939	20001023

PRIORITY APPLN. INFO.: FR 1999-13222 A 19991022

OTHER SOURCE(S): MARPAT 134:315904

AB Sunscreens derived from dibenzoylmethane are stabilized by an insol. org. sunscreen having av. particle size between 0.01-2 .mu.m. A sunscreen compn. contained Sinnowax AO 7, Cerasynt SD-V 2, cetyl alc. 1.6, polydimethylsiloxane 1.6, Witoconol TN 16, 4-tert-butyl-4'-methoxydibenzoylmethane (Parsol-1789) 0.5, glycerin 16, 2,2'-methylene-bis[6-(2H-benzotriazol-2-yl)-4(1,1,3,3,-terramethylbutyl)phenol] (Tinosorb M) 1.0, EDTA 0.1, preservative and water q.s. 100%.

IT 51-17-2D, Benzimidazole, sulfone derivs. 120-46-7D, Dibenzoylmethane, derivs. 621-82-9D, Cinnamic acid, polyvalent salts 3846-71-7 15087-24-8D, Benzylidene camphor, sulfone derivs. 18362-51-1, 4,4' Dimethoxydibenzoylmethane 25855-99-6 25973-55-1 30653-05-5 36437-37-3 55846-72-5 57791-75-0, Ethyl 3 octylamino 2 butenoate 61001-54-5 63250-25-9, 4 Isopropylidibenzoylmethane 63250-26-0 63250-28-2 63250-29-3 70321-86-7 70356-09-1, 4-Tert-Butyl 4' methoxydibenzoylmethane 88620-50-2, 4 Octylamino 3 penten-2-one 88620-51-3 88620-52-4, 3 Dodecylamino 1 phenyl 2 buten 1 one 93851-27-5, 2,6-Dimethyl-4-tert-butyl-4'-methoxydibenzoylmethane 93851-28-6, 2 Methyl 5-isopropyl 4' methoxydibenzoylmethane 93851-29-7, 2-Methyl-5-tert-butyl-4'-methoxydibenzoylmethane 93885-98-4, 2,4-Dimethyl-4'-methoxydibenzoylmethane 103597-45-1, Tinosorb M 150771-68-9 150771-71-4 154778-80-0 162245-07-0 189622-92-2 194731-15-2 194731-16-3 194731-17-4 194731-18-5

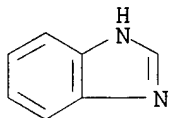
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(process for photostabilization of sunscreens derived from

dibenzoylmethane by insol. org. sunscreen)

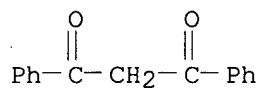
RN 51-17-2 HCAPLUS

CN 1H-Benzimidazole (9CI) (CA INDEX NAME)



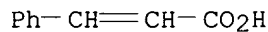
RN 120-46-7 HCAPLUS

CN 1,3-Propanedione, 1,3-diphenyl- (6CI, 8CI, 9CI) (CA INDEX NAME)



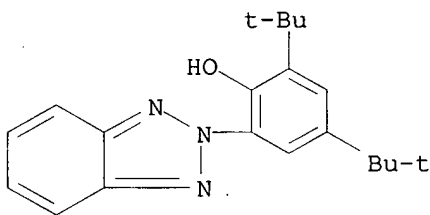
RN 621-82-9 HCAPLUS

CN 2-Propenoic acid, 3-phenyl- (9CI) (CA INDEX NAME)



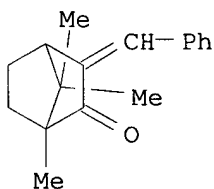
RN 3846-71-7 HCAPLUS

CN Phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl)- (9CI) (CA INDEX NAME)



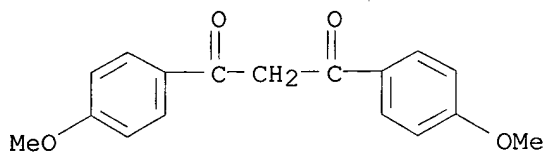
RN 15087-24-8 HCAPLUS

CN Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl-3-(phenylmethylene)- (9CI) (CA INDEX NAME)



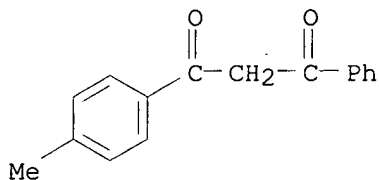
RN 18362-51-1 HCAPLUS

CN 1,3-Propanedione, 1,3-bis(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



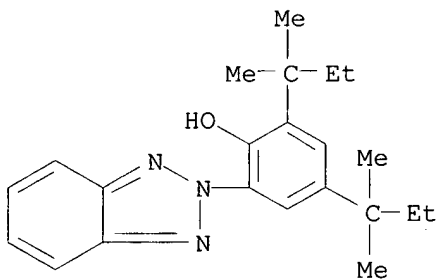
RN 25855-99-6 HCAPLUS

CN 1,3-Propanedione, 1-(4-methylphenyl)-3-phenyl- (9CI) (CA INDEX NAME)



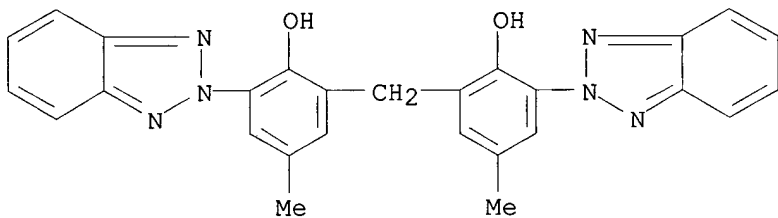
RN 25973-55-1 HCAPLUS

CN Phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylpropyl)- (9CI) (CA INDEX NAME)



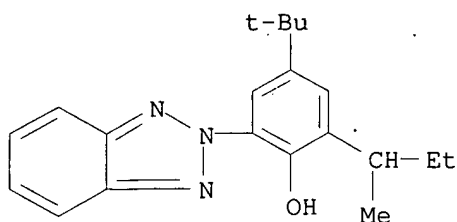
RN 30653-05-5 HCAPLUS

CN Phenol, 2,2'-methylenebis[6-(2H-benzotriazol-2-yl)-4-methyl- (9CI) (CA INDEX NAME)]

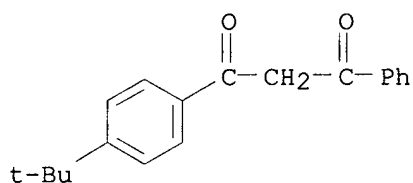


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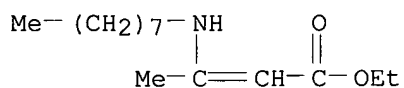
CN Phenol, 2-(2H-benzotriazol-2-yl)-4-(1,1-dimethylethyl)-6-(1-methylpropyl)- (9CI) (CA INDEX NAME)



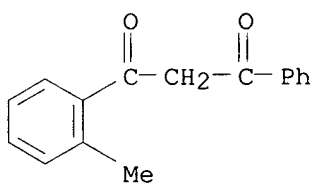
RN 55846-72-5 HCAPLUS
 CN 1,3-Propanedione, 1-[4-(1,1-dimethylethyl)phenyl]-3-phenyl- (9CI) (CA INDEX NAME)



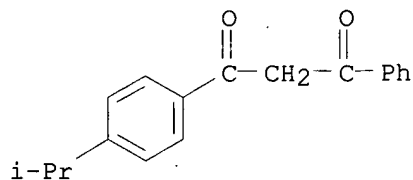
RN 57791-75-0 HCAPLUS
 CN 2-Butenoic acid, 3-(octylamino)-, ethyl ester (9CI) (CA INDEX NAME)



RN 61001-54-5 HCAPLUS
 CN 1,3-Propanedione, 1-(2-methylphenyl)-3-phenyl- (9CI) (CA INDEX NAME)

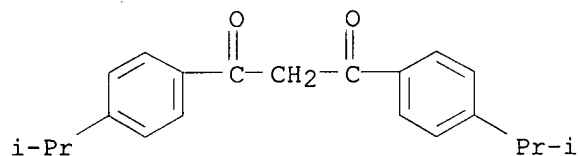


RN 63250-25-9 HCAPLUS
 CN 1,3-Propanedione, 1-[4-(1-methylethyl)phenyl]-3-phenyl- (9CI) (CA INDEX NAME)



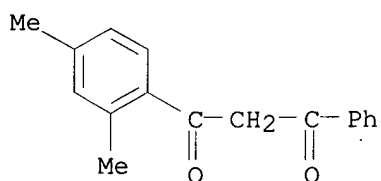
RN 63250-26-0 HCAPLUS

CN 1,3-Propanedione, 1,3-bis[4-(1-methylethyl)phenyl]- (9CI) (CA INDEX NAME)



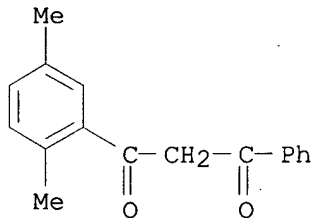
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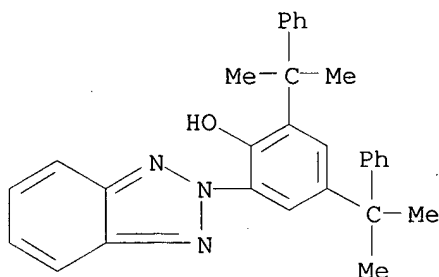


RN 63250-29-3 HCAPLUS

CN 1,3-Propanedione, 1-(2,5-dimethylphenyl)-3-phenyl- (9CI) (CA INDEX NAME)

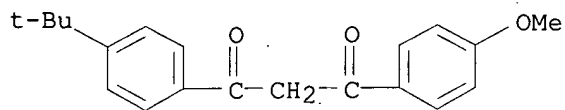


RN 70321-86-7 HCAPLUS

CN Phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)- (9CI)
(CA INDEX NAME)

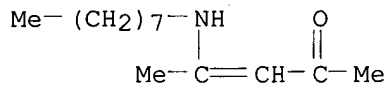
RN 70356-09-1 HCAPLUS

CN 1,3-Propanedione, 1-[4-(1,1-dimethylethyl)phenyl]-3-(4-methoxyphenyl)-
(9CI) (CA INDEX NAME)



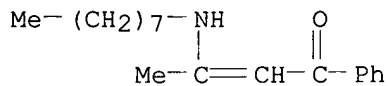
RN 88620-50-2 HCAPLUS

CN 3-Penten-2-one, 4-(octylamino)- (9CI) (CA INDEX NAME)



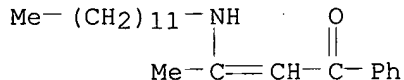
RN 88620-51-3 HCAPLUS

CN 2-Buten-1-one, 3-(octylamino)-1-phenyl- (9CI) (CA INDEX NAME)



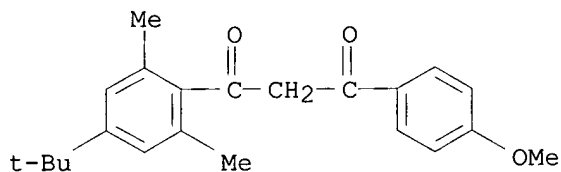
RN 88620-52-4 HCAPLUS

CN 2-Buten-1-one, 3-(dodecylamino)-1-phenyl- (9CI) (CA INDEX NAME)



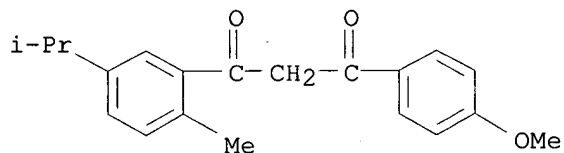
RN 93851-27-5 HCAPLUS

CN 1,3-Propanedione, 1-[4-(1,1-dimethylethyl)-2,6-dimethylphenyl]-3-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



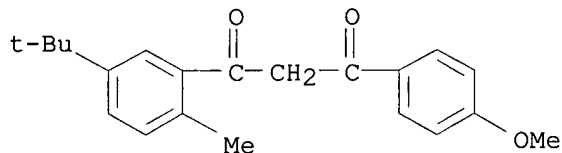
RN 93851-28-6 HCAPLUS

CN 1,3-Propanedione, 1-(4-methoxyphenyl)-3-[2-methyl-5-(1-methylethyl)phenyl]- (9CI) (CA INDEX NAME)



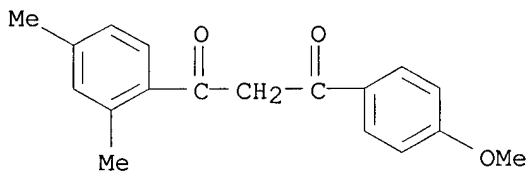
RN 93851-29-7 HCAPLUS

CN 1,3-Propanedione, 1-[5-(1,1-dimethylethyl)-2-methylphenyl]-3-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



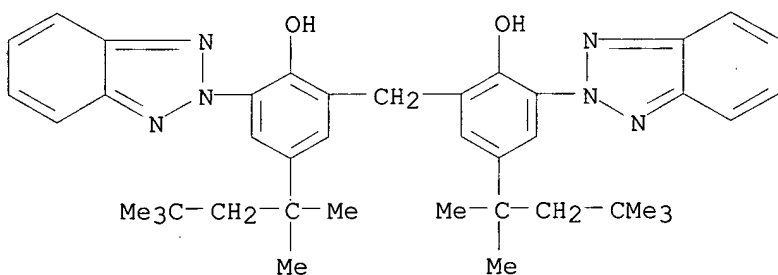
RN 93885-98-4 HCAPLUS

CN 1,3-Propanedione, 1-(2,4-dimethylphenyl)-3-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



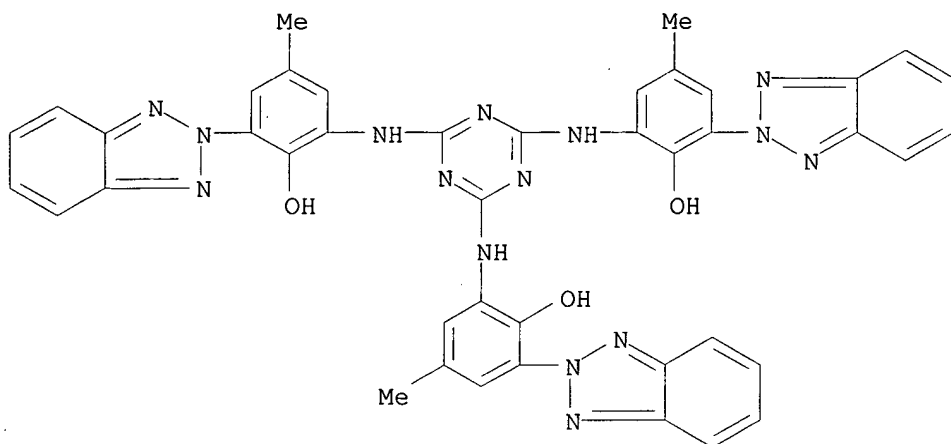
RN 103597-45-1 HCAPLUS

CN Phenol, 2,2'-methylenebis[6-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)- (9CI) (CA INDEX NAME)



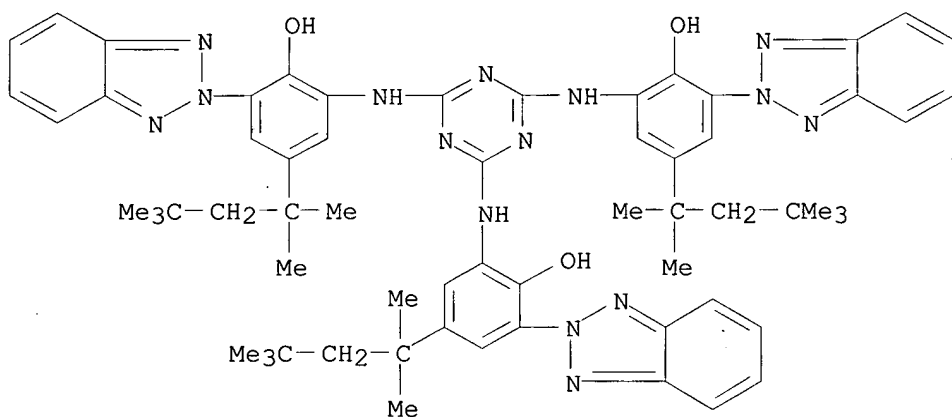
RN 150771-68-9 HCAPLUS

CN Phenol, 2,2',2''-(1,3,5-triazine-2,4,6-triyltriimino)tris[6-(2H-benzotriazol-2-yl)-4-methyl- (9CI) (CA INDEX NAME)



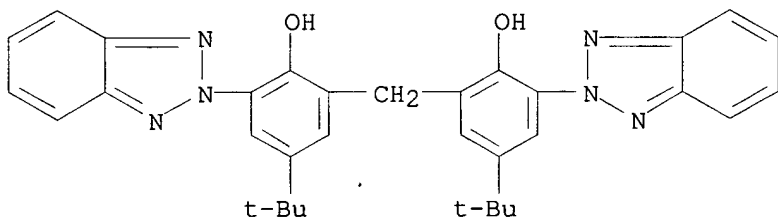
RN 150771-71-4 HCAPLUS

CN Phenol, 2,2',2''-(1,3,5-triazine-2,4,6-triyltriimino)tris[6-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)- (9CI) (CA INDEX NAME)



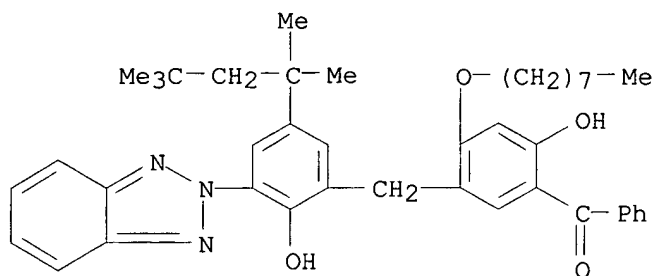
RN 154778-80-0 HCAPLUS

CN Phenol, 2,2'-methylenebis[6-(2H-benzotriazol-2-yl)-4-(1,1-dimethylethyl)- (9CI) (CA INDEX NAME)



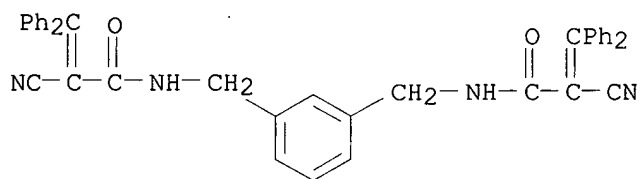
RN 162245-07-0 HCAPLUS

CN Methanone, [5-[[3-(2H-benzotriazol-2-yl)-2-hydroxy-5-(1,1,3,3-tetramethylbutyl)phenyl]methyl]-2-hydroxy-4-(octyloxy)phenyl]phenyl- (9CI) (CA INDEX NAME)



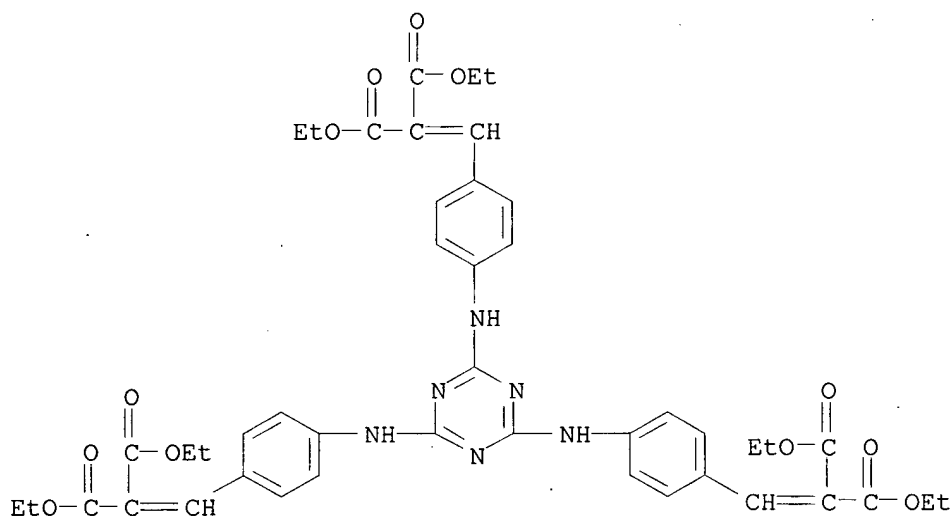
RN 189622-92-2 HCAPLUS

CN 2-Propenamide, N,N'-[1,3-phenylenebis(methylene)]bis[2-cyano-3,3-diphenyl- (9CI) (CA INDEX NAME)



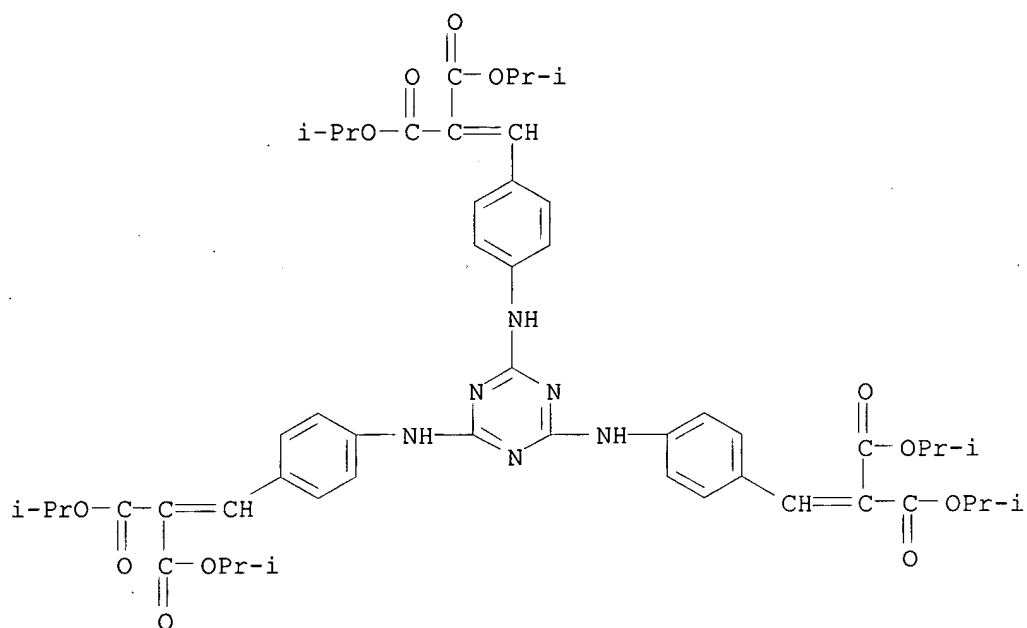
RN 194731-15-2 HCAPLUS

CN Propanedioic acid, 2,2',2''-[1,3,5-triazine-2,4,6-triyltris(imino-4,1-phenylenemethylidyne)]tris-, hexaethyl ester (9CI) (CA INDEX NAME)



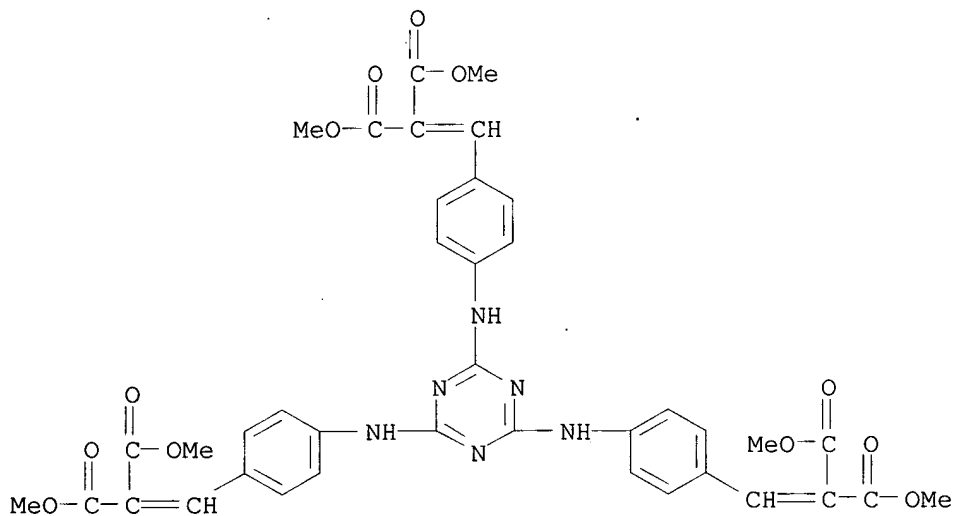
RN 194731-16-3 HCAPLUS

CN Propanedioic acid, 2,2',2''-[1,3,5-triazine-2,4,6-triyltris(imino-4,1-phenylenemethylidyne)]tris-, hexakis(1-methylethyl) ester (9CI) (CA INDEX NAME)



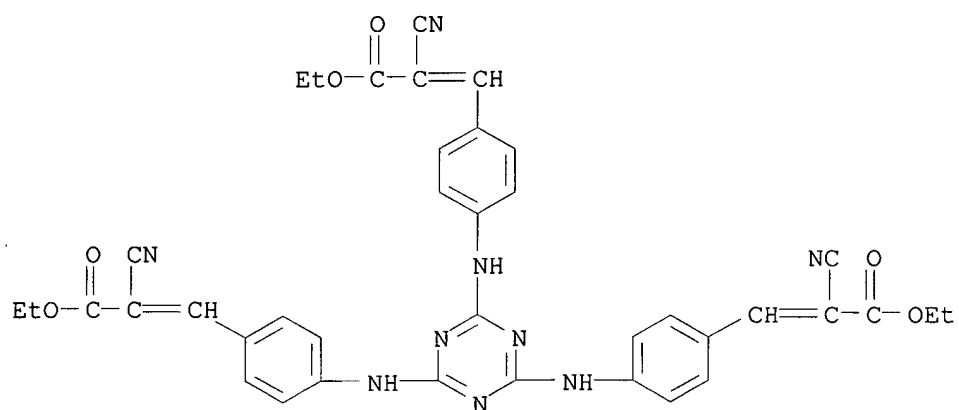
RN 194731-17-4 HCAPLUS

CN Propanedioic acid, 2,2',2''-[1,3,5-triazine-2,4,6-triyltris(imino-4,1-phenylenemethylidyne)]tris-, hexamethyl ester (9CI) (CA INDEX NAME)



RN 194731-18-5 HCAPLUS

CN 2-Propenoic acid, 3,3',3''-[1,3,5-triazine-2,4,6-triyltris(imino-4,1-phenylene)]tris[2-cyano-, triethyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT:

5

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d ibib abs hitstr 3

L9 ANSWER 3 OF 10 HCAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:874123 HCAPLUS

DOCUMENT NUMBER: 134:32805

TITLE: Photoprotective/cosmetic compositions comprising
camphorsulfonic acid and bis-
resorcinyltriazine sunscreens

INVENTOR(S): Candau, Didier

PATENT ASSIGNEE(S): Societe L'Oreal S.A., Fr.

SOURCE: U.S., 8 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6159456	A	20001212	US 2000-503940	20000214

OTHER SOURCE(S): MARPAT 134:32805

AB Topically applicable sunscreen/cosmetic compns. well suited for the synergistically enhanced photoprotection of human skin and/or hair against the damaging effects of UV-irradn., particularly solar radiation, comprise synergistically UV-photoprotecting effective amts. of each of (1) benzene-1,4-di(3-methylidene-10-camphorsulfonic acid), or partially or completely neutralized form thereof, and (2) at least one bis-**resorcinyltriazine** compd., formulated into a topically applicable, cosmetically acceptable vehicle, diluent or carrier therefor. A sunscreen compn. contained ethoxylated cetostearyl alc. 7, glycerol mono/di-stearate 2, cetyl alc. 1.5, polydimethylsiloxane 1, C12-15 alkyl benzoate 15, 2,4-bis[[4-(2-ethylhexyloxy)-2-hydroxy]-phenyl]-6-(4-methoxyphenyl)-1,3,5-triazine 2, glycerol 15, benzene-1,4-di(3-methylidene-10-camphorsulfonic acid) (Mexoryl SX) 2, triethanolamine q.s. to pH 7, preservatives q.s., and demineralized water q.s. to 100 g.

IT 1306-38-3, Cerium oxide, biological studies 1314-13-2, Zinc oxide, biological studies 1314-23-4, Zirconia, biological studies 1332-37-2, Iron oxide, biological studies 13463-67-7, Titania, biological studies 92761-26-7 92761-26-7D, salts 187393-00-6 187393-02-8 191419-26-8 191419-27-9 191419-28-0 191419-29-1 191419-30-4 191419-31-5

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(photoprotective cosmetics contg. camphorsulfonate and bis-**resorcinyltriazine** sunscreens and pigments)

RN 1306-38-3 HCAPLUS

CN Cerium oxide (CeO2) (8CI, 9CI) (CA INDEX NAME)

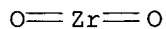
O=Ce=O

RN 1314-13-2 HCAPLUS

CN Zinc oxide (ZnO) (9CI) (CA INDEX NAME)

O=Zn

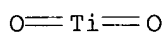
RN 1314-23-4 HCAPLUS
 CN Zirconium oxide (ZrO₂) (8CI, 9CI) (CA INDEX NAME)



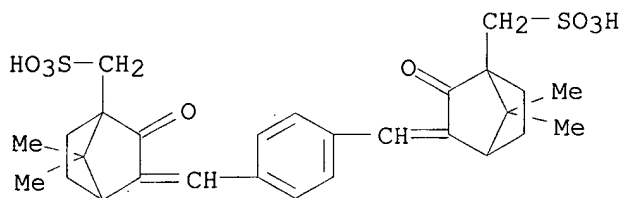
RN 1332-37-2 HCAPLUS
 CN Iron oxide (8CI, 9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

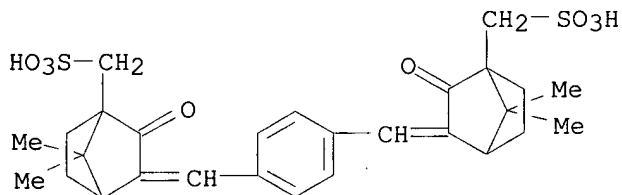
RN 13463-67-7 HCAPLUS
 CN Titanium oxide (TiO₂) (8CI, 9CI) (CA INDEX NAME)



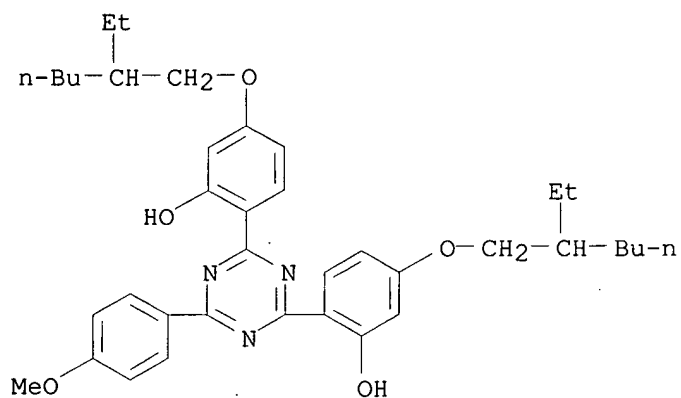
RN 92761-26-7 HCAPLUS
 CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 3,3'-(1,4-phenylenedimethyldiyl)bis[7,7-dimethyl-2-oxo- (9CI) (CA INDEX NAME)



RN 92761-26-7 HCAPLUS
 CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 3,3'-(1,4-phenylenedimethyldiyl)bis[7,7-dimethyl-2-oxo- (9CI) (CA INDEX NAME)

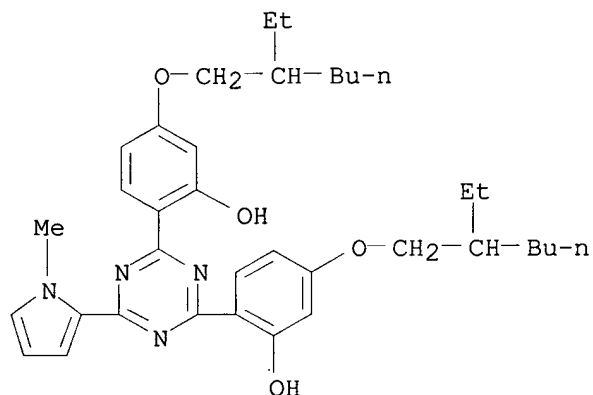


RN 187393-00-6 HCAPLUS
 CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[(2-ethylhexyl)oxy]- (9CI) (CA INDEX NAME)



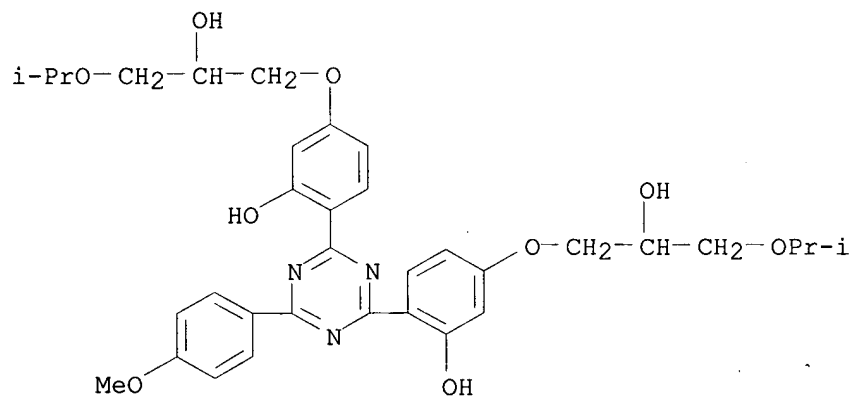
RN 187393-02-8 HCAPLUS

CN Phenol, 2,2'-[6-(1-methyl-1H-pyrrol-2-yl)-1,3,5-triazine-2,4-diyl]bis[5-[(2-ethylhexyl)oxy]- (9CI) (CA INDEX NAME)



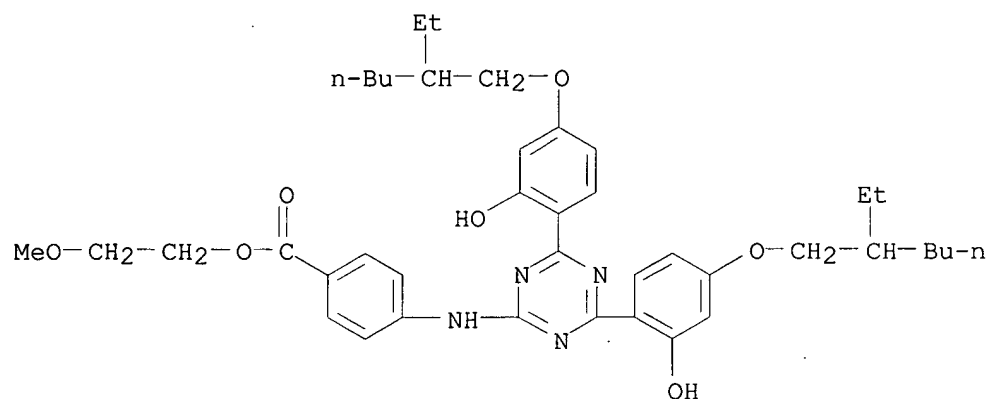
RN 191419-26-8 HCAPLUS

CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[2-hydroxy-3-(1-methylethoxy)propoxy]- (9CI) (CA INDEX NAME)



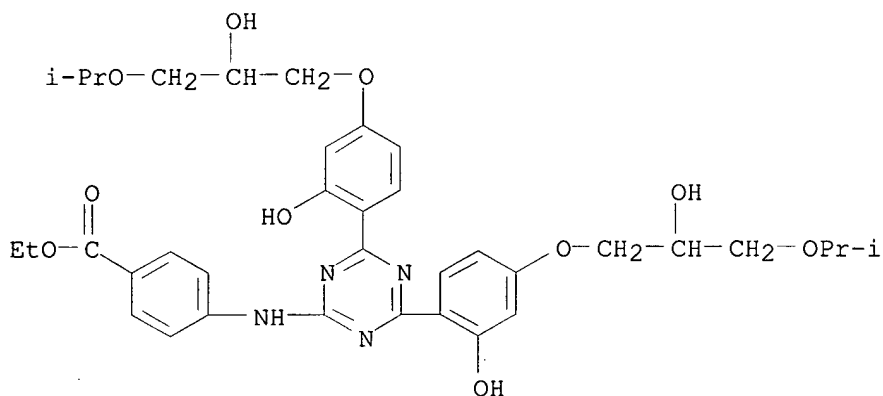
RN 191419-27-9 HCAPLUS

CN Benzoic acid, 4-[[[4,6-bis[4-[(2-ethylhexyl)oxy]-2-hydroxyphenyl]-1,3,5-triazin-2-yl]amino]-, 2-methoxyethyl ester (9CI) (CA INDEX NAME)



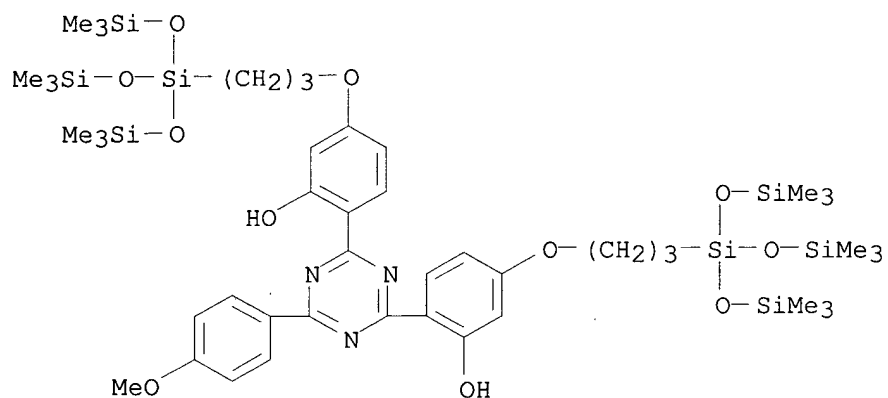
RN 191419-28-0 HCAPLUS

CN Benzoic acid, 4-[[[4,6-bis[2-hydroxy-4-[2-hydroxy-3-(1-methylethoxy)propoxy]phenyl]-1,3,5-triazin-2-yl]amino]-, ethyl ester (9CI)
(CA INDEX NAME)



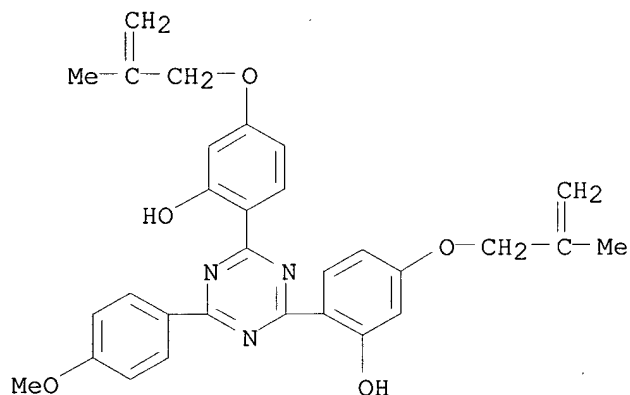
RN 191419-29-1 HCAPLUS

CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[3-[3,3,3-trimethyl-1,1-bis[(trimethylsilyl)oxy]disiloxanyl]propoxy]- (9CI) (CA INDEX NAME)



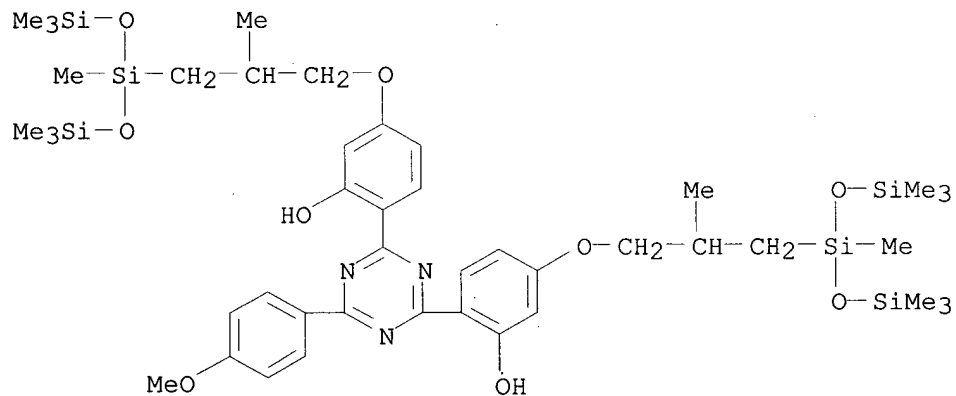
RN 191419-30-4 HCAPLUS

CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[(2-methyl-2-propenyl)oxy]- (9CI) (CA INDEX NAME)



RN 191419-31-5 HCAPLUS

CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[(2-methyl-3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propoxy]- (9CI) (CA INDEX NAME)



LAMM 09/927,488

REFERENCE COUNT:

5

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d ibib abs hitstr 4

L9 ANSWER 4 OF 10 HCAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:766954 HCAPLUS

DOCUMENT NUMBER: 133:300910

TITLE: Synergistic sunscreen compositions containing benzene camphosulfonic acid, bis-**resorciny**l triazine derivatives, and composition with benzoazolyl or benzodiazolyl groups

INVENTOR(S): Candau, Didier

PATENT ASSIGNEE(S): L'Oreal S. A., Fr.

SOURCE: Fr. Demande, 40 pp.

CODEN: FRXXBL

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2789583	A1	20000818	FR 1999-1733	19990212
FR 2789583	B1	20020201		
EP 1043014	A1	20001011	EP 2000-400296	20000203
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2000247855	A2	20000912	JP 2000-35997	20000214
US 6214323	B1	20010410	US 2000-503169	20000214
PRIORITY APPLN. INFO.:			FR 1999-1733	A 19990212

OTHER SOURCE(S): MARPAT 133:300910

AB Synergistic sunscreen compns. contg. benzene-1,4-di(3-methylidene-10-camphosulfonic) acid, bis-**resorciny**l triazine deriv., and compn. with benzoazolyl or benzodiazolyl groups. A sunscreen compn. contained Sinnowax AO 7, Cerasynt SDV 2, polydimethylsiloxane 1, cetyl alc. 1.5, Witconol TN 15, 2,4-bis{[4-(2-ethylhexyloxy)-2-hydroxy]phenyl}-6-(4-methoxyphenyl)-1,3,5-triazine 2, 1,4-bis-benzimidazolyl-phenylene-3,3,5,5'-tetrasulfonic acid 2, glycerin 15, and triethanolamine q.s. pH = 7, preservatives q.s. and water q.s. 100 g.

IT 69-72-7D, Salicylic acid, derivs. 76-22-2, Camphor

621-82-9D, Cinnamic acid, derivs. 41887-96-1

119014-10-7 170864-82-1 170864-83-2

170864-84-3 187393-00-6 187393-02-8

191226-60-5 191419-26-8 191419-27-9

191419-28-0 191419-29-1 191419-30-4

254755-41-4 288247-47-2 288247-48-3

288247-49-4 288247-50-7 288247-51-8

288247-52-9 288247-53-0 288247-54-1

288247-55-2 288247-56-3 288247-57-4

288247-58-5 288247-59-6 288247-60-9

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288247-70-1 288247-71-2 288247-72-3

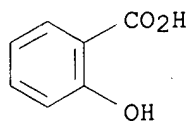
288247-73-4 288247-74-5 288247-75-6

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(synergistic sunscreen compns. contg. benzene camphosulfonic acid, bis-**resorciny**l triazine derivs., and compn. with benzoazolyl or benzodiazolyl groups)

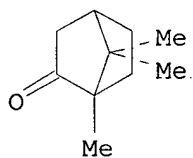
RN 69-72-7 HCAPLUS

CN Benzoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)



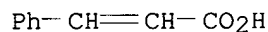
RN 76-22-2 HCAPLUS

CN Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl- (9CI) (CA INDEX NAME)



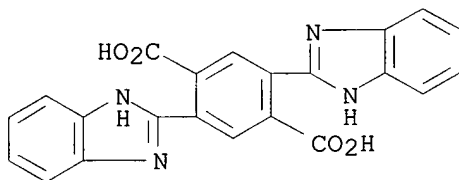
RN 621-82-9 HCAPLUS

CN 2-Propenoic acid, 3-phenyl- (9CI) (CA INDEX NAME)



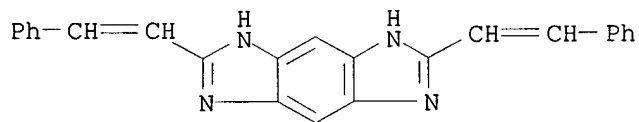
RN 41887-96-1 HCAPLUS

CN 1,4-Benzenedicarboxylic acid, 2,5-bis(1H-benzimidazol-2-yl)- (9CI) (CA INDEX NAME)



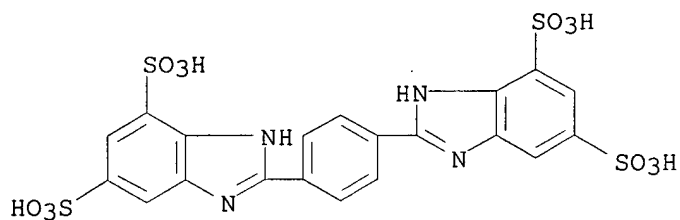
RN 119014-10-7 HCAPLUS

CN Benzo[1,2-d:4,5-d']diimidazole, 1,5-dihydro-2,6-bis(2-phenylethenyl)- (9CI) (CA INDEX NAME)



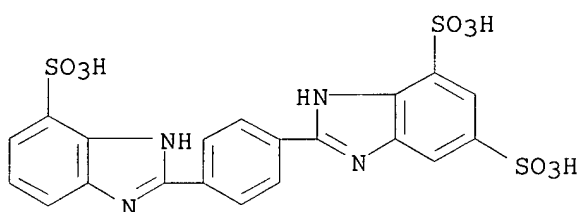
RN 170864-82-1 HCAPLUS

CN 1H-Benzimidazole-4,6-disulfonic acid, 2,2'-(1,4-phenylene)bis- (9CI) (CA INDEX NAME)



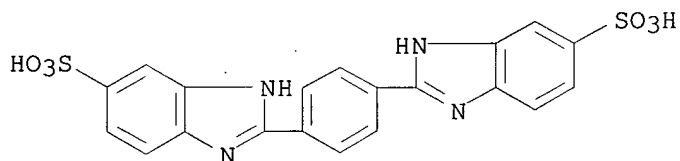
RN 170864-83-2 HCAPLUS

CN 1H-Benzimidazole-4,6-disulfonic acid, 2-[4-(4-sulfo-1H-benzimidazol-2-yl)phenyl]- (9CI) (CA INDEX NAME)



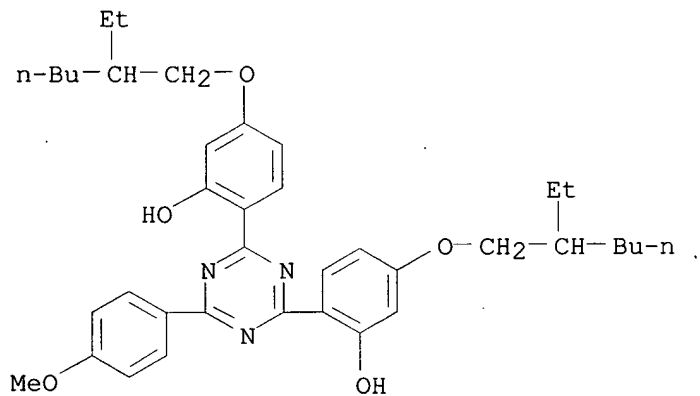
RN 170864-84-3 HCAPLUS

CN 1H-Benzimidazole-5-sulfonic acid, 2,2'-(1,4-phenylene)bis- (9CI) (CA INDEX NAME)

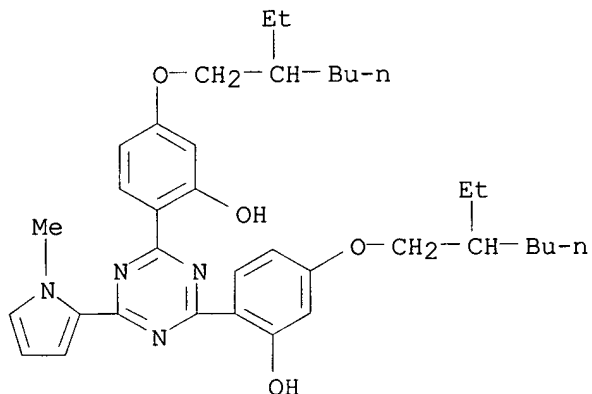


RN 187393-00-6 HCAPLUS

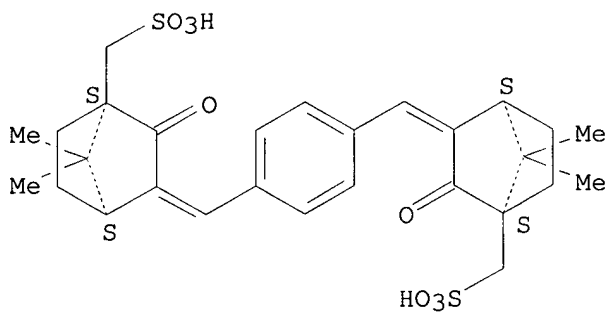
CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[(2-ethylhexyl)oxy]- (9CI) (CA INDEX NAME)



RN 187393-02-8 HCAPLUS

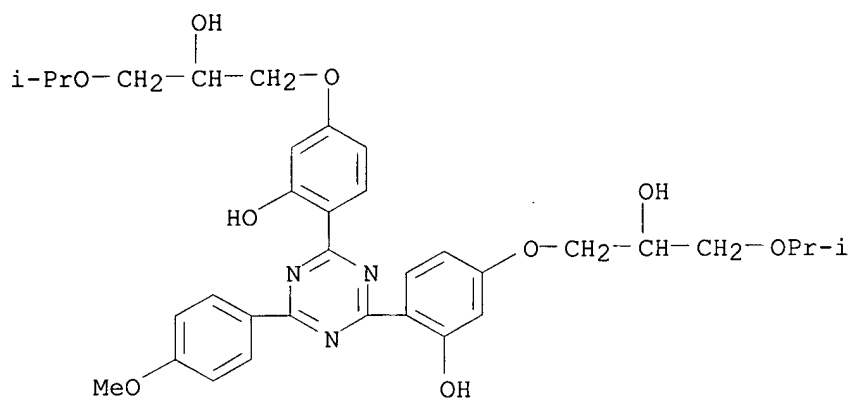
CN Phenol, 2,2'-[6-(1-methyl-1H-pyrrol-2-yl)-1,3,5-triazine-2,4-diyl]bis[5-
[(2-ethylhexyl)oxy]- (9CI) (CA INDEX NAME)

RN 191226-60-5 HCAPLUS

CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 3,3'-(1,4-
phenylenedimethyldiyl)bis[7,7-dimethyl-2-oxo-, (1S,1'S,4S,4'S)- (9CI)
(CA INDEX NAME)Absolute stereochemistry.
Double bond geometry unknown.

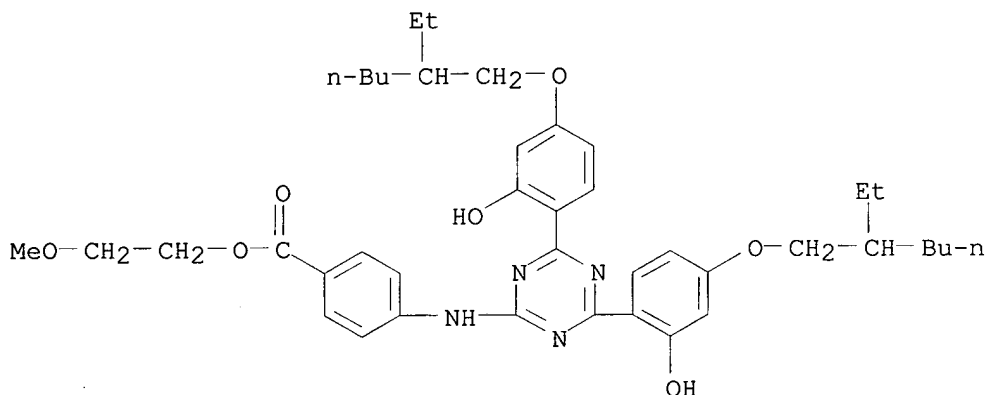
RN 191419-26-8 HCAPLUS

CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[2-hydroxy-
3-(1-methylethoxy)propoxy]- (9CI) (CA INDEX NAME)



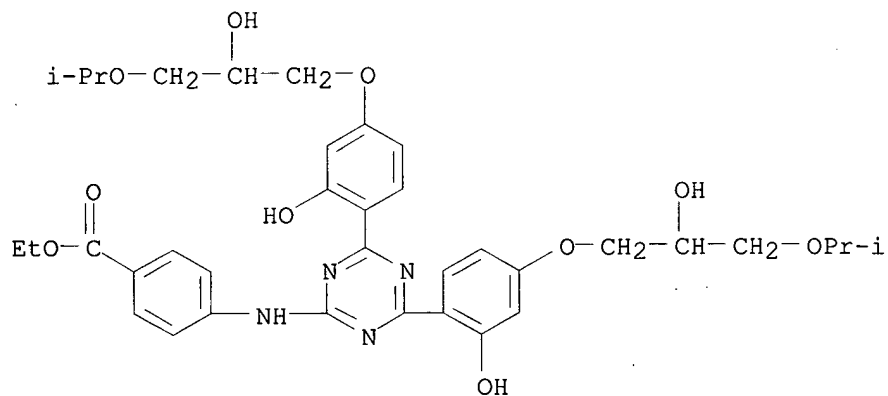
RN 191419-27-9 HCAPLUS

CN Benzoic acid, 4-[[4,6-bis[4-[(2-ethylhexyl)oxy]-2-hydroxyphenyl]-1,3,5-triazin-2-yl]amino]-, 2-methoxyethyl ester (9CI) (CA INDEX NAME)

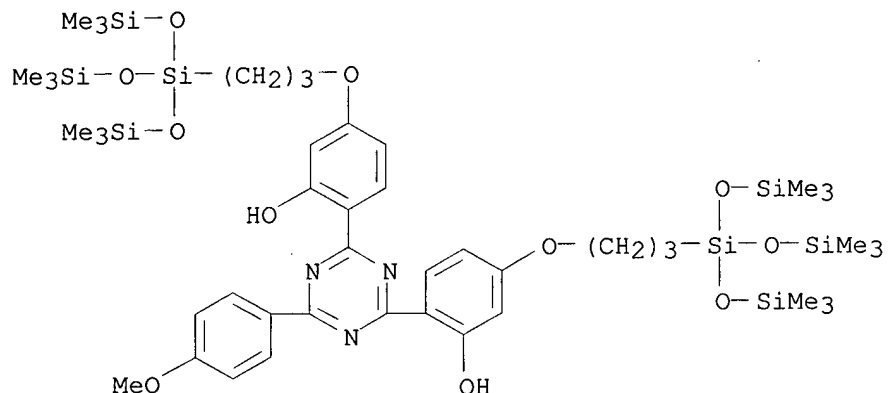


RN 191419-28-0 HCAPLUS

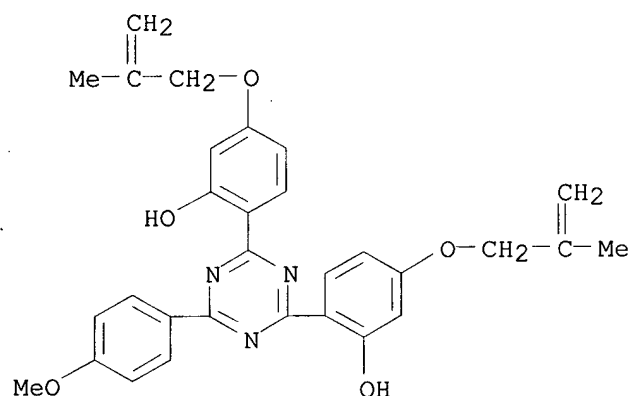
CN Benzoic acid, 4-[[4,6-bis[2-hydroxy-4-[2-hydroxy-3-(1-methylethoxy)propoxy]phenyl]-1,3,5-triazin-2-yl]amino]-, ethyl ester (9CI) (CA INDEX NAME)



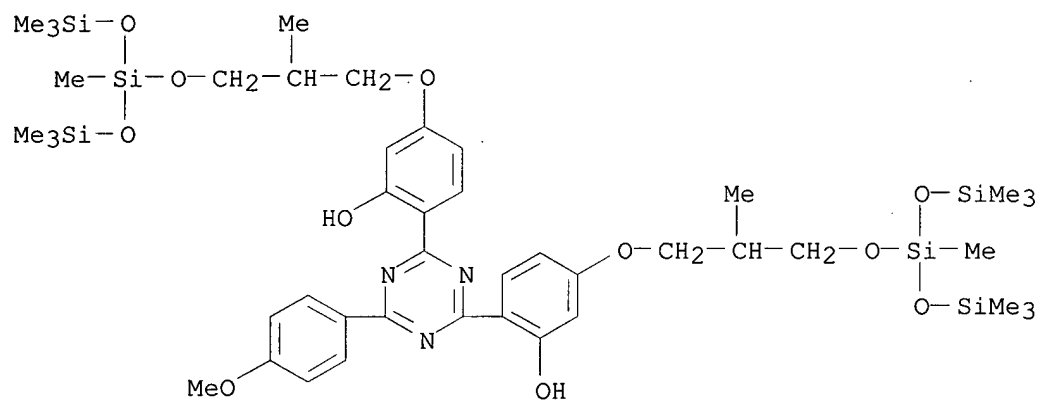
RN 191419-29-1 HCAPLUS
 CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[3-[3,3,3-trimethyl-1,1-bis[(trimethylsilyl)oxy]disiloxanyl]propoxy]-(9CI) (CA INDEX NAME)



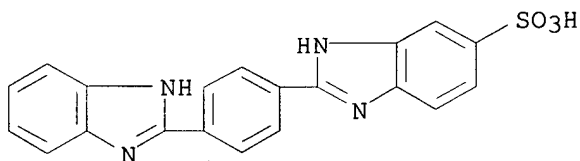
RN 191419-30-4 HCAPLUS
 CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[(2-methyl-2-propenyl)oxy]-(9CI) (CA INDEX NAME)



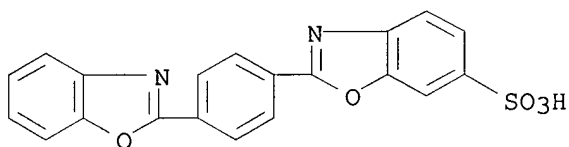
RN 254755-41-4 HCAPLUS
 CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[2-methyl-3-[[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]oxy]propoxy]-(9CI) (CA INDEX NAME)



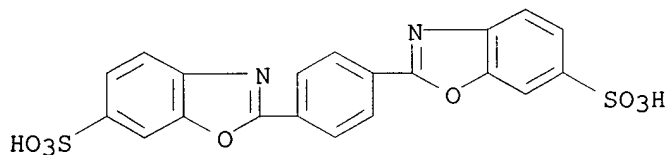
RN 288247-47-2 HCAPLUS

CN 1H-Benzimidazole-5-sulfonic acid, 2-[4-(1H-benzimidazol-2-yl)phenyl]-
(9CI) (CA INDEX NAME)

RN 288247-48-3 HCAPLUS

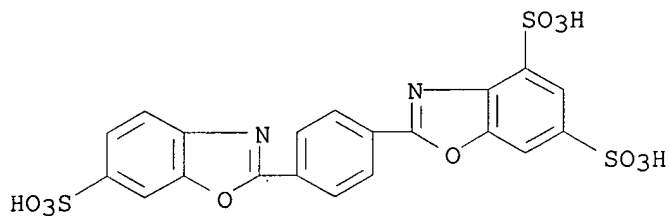
CN 6-Benzoxazolesulfonic acid, 2-[4-(2-benzoxazolyl)phenyl]- (9CI) (CA INDEX
NAME)

RN 288247-49-4 HCAPLUS

CN 6-Benzoxazolesulfonic acid, 2,2'-(1,4-phenylene)bis- (9CI) (CA INDEX
NAME)

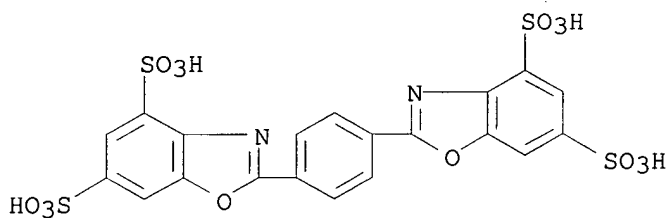
RN 288247-50-7 HCAPLUS

CN 4,6-Benzoxazolesulfonic acid, 2-[4-(6-sulfo-2-benzoxazolyl)phenyl]-
(9CI) (CA INDEX NAME)



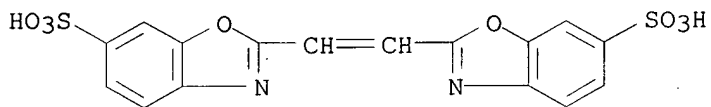
RN 288247-51-8 HCAPLUS

CN 4,6-Benzoxazolesulfonic acid, 2,2'-(1,4-phenylene)bis- (9CI) (CA INDEX NAME)



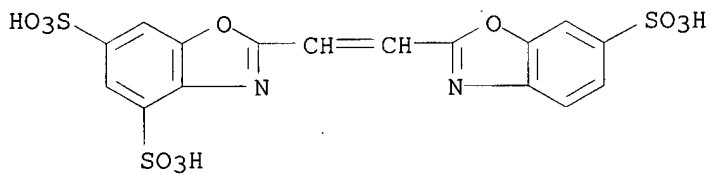
RN 288247-52-9 HCAPLUS

CN 6-Benzoxazolesulfonic acid, 2,2'-(1,2-ethenediyl)bis- (9CI) (CA INDEX NAME)



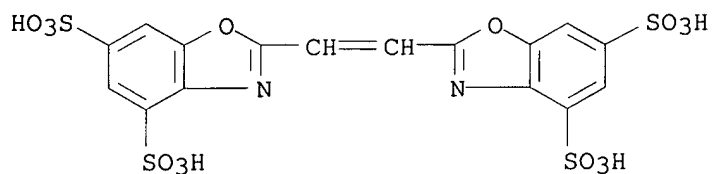
RN 288247-53-0 HCAPLUS

CN 4,6-Benzoxazolesulfonic acid, 2-[2-(6-sulfo-2-benzoxazolyl)ethenyl]- (9CI) (CA INDEX NAME)



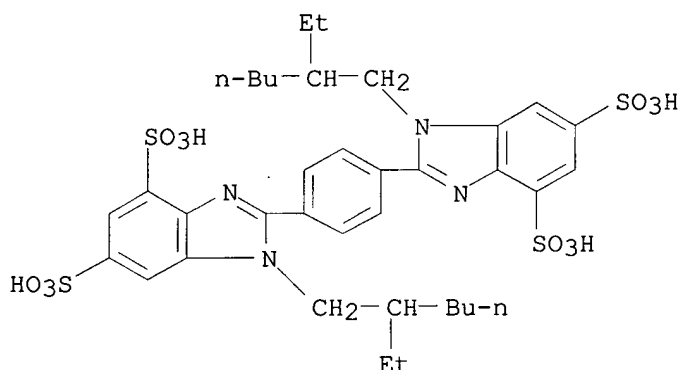
RN 288247-54-1 HCAPLUS

CN 4,6-Benzoxazolesulfonic acid, 2,2'-(1,2-ethenediyl)bis- (9CI) (CA INDEX NAME)



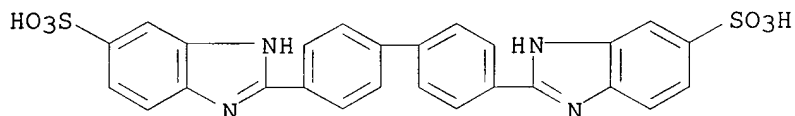
RN 288247-55-2 HCAPLUS

CN 1H-Benzimidazole-4,6-disulfonic acid, 2,2'-(1,4-phenylene)bis[1-(2-ethylhexyl)- (9CI) (CA INDEX NAME)



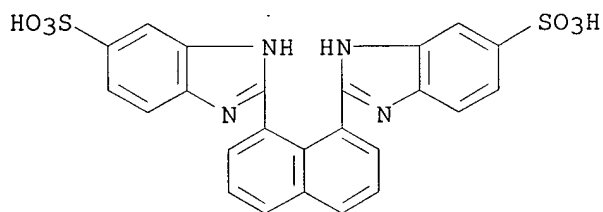
RN 288247-56-3 HCAPLUS

CN 1H-Benzimidazole-5-sulfonic acid, 2,2'-[1,1'-biphenyl]-4,4'-diylbis- (9CI)
(CA INDEX NAME)



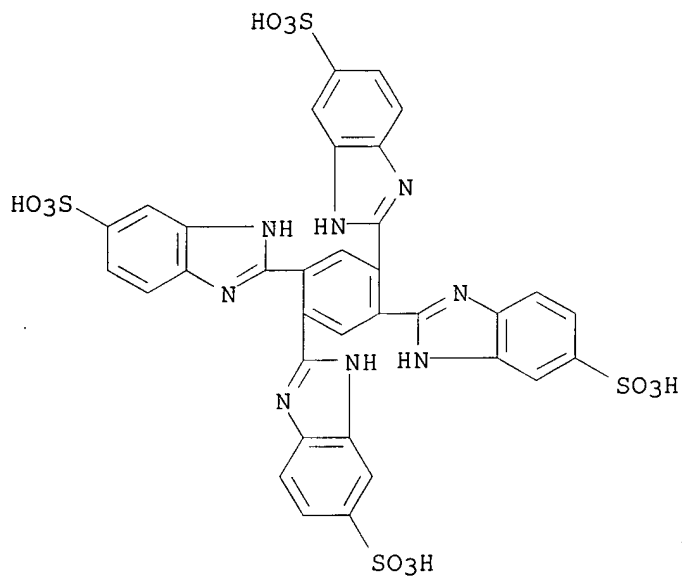
RN 288247-57-4 HCAPLUS

CN 1H-Benzimidazole-5-sulfonic acid, 2,2'-(1,8-naphthalenediyl)bis- (9CI)
(CA INDEX NAME)



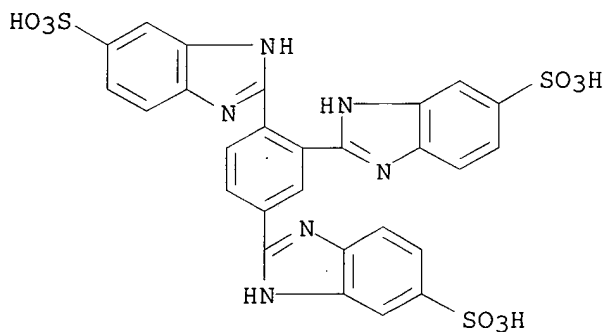
RN 288247-58-5 HCAPLUS

1H-Benzimidazole-5-sulfonic acid, 2,2',2'',2'''-(1,2,4,5-benzenetetrayl)tetrakis- (9CI) (CA INDEX NAME)



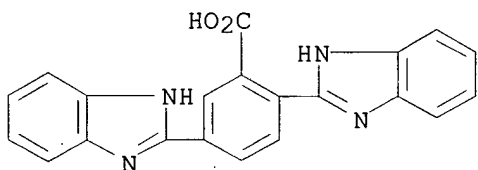
RN 288247-59-6 HCAPLUS

CN 1H-Benzimidazole-5-sulfonic acid, 2,2',2''-(1,2,4-benzenetriyl)tris- (9CI)
(CA INDEX NAME)



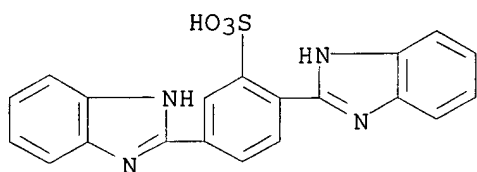
RN 288247-60-9 HCAPLUS

CN Benzoic acid, 2,5-bis(1H-benzimidazol-2-yl)- (9CI) (CA INDEX NAME)

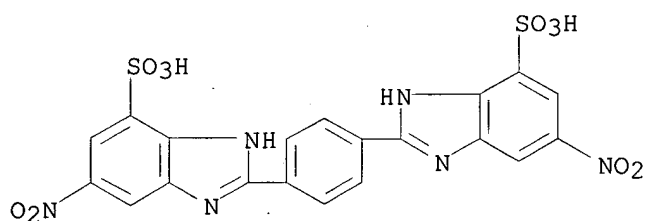


RN 288247-61-0 HCAPLUS

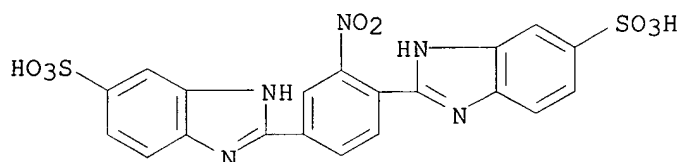
CN Benzenesulfonic acid, 2,5-bis(1H-benzimidazol-2-yl)- (9CI) (CA INDEX NAME)



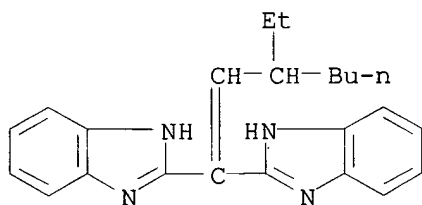
RN 288247-62-1 HCAPLUS
 CN 1H-Benzimidazole-4-sulfonic acid, 2,2'-(1,4-phenylene)bis[6-nitro- (9CI)
 (CA INDEX NAME)



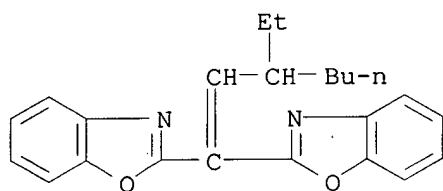
RN 288247-63-2 HCAPLUS
 CN 1H-Benzimidazole-5-sulfonic acid, 2,2'-(2-nitro-1,4-phenylene)bis- (9CI)
 (CA INDEX NAME)



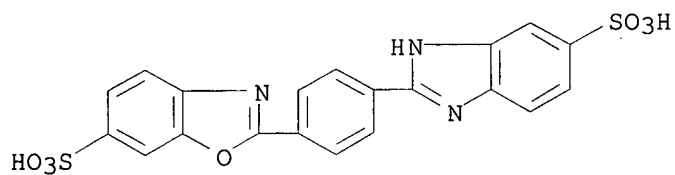
RN 288247-64-3 HCAPLUS
 CN 1H-Benzimidazole, 2,2'-(3-ethyl-1-heptenyldiene)bis- (9CI) (CA INDEX
 NAME)



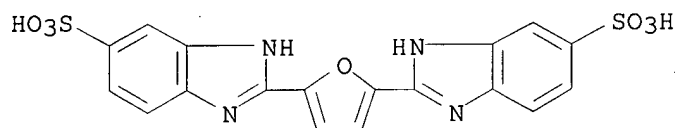
RN 288247-65-4 HCAPLUS
 CN Benzoxazole, 2,2'-(3-ethyl-1-heptenyldiene)bis- (9CI) (CA INDEX NAME)



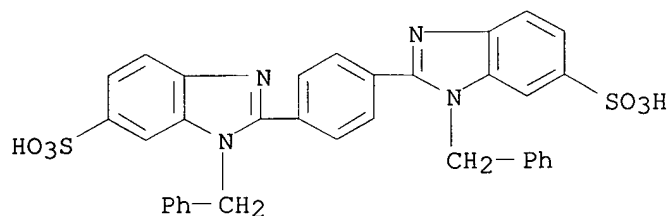
RN 288247-66-5 HCAPLUS
 CN 6-Benzoxazolesulfonic acid, 2-[4-(5-sulfo-1H-benzimidazol-2-yl)phenyl]-
 (9CI) (CA INDEX NAME)



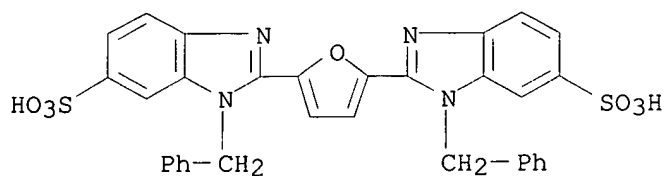
RN 288247-67-6 HCAPLUS
 CN 1H-Benzimidazole-5-sulfonic acid, 2,2'-(2,5-furandiyl)bis- (9CI) (CA
 INDEX NAME)



RN 288247-68-7 HCAPLUS
 CN 1H-Benzimidazole-6-sulfonic acid, 2,2'-(1,4-phenylene)bis[1-(phenylmethyl)-
 (9CI) (CA INDEX NAME)

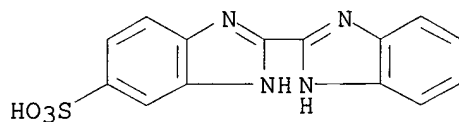


RN 288247-69-8 HCAPLUS
 CN 1H-Benzimidazole-6-sulfonic acid, 2,2'-(2,5-furandiyl)bis[1-(phenylmethyl)-
 (9CI) (CA INDEX NAME)



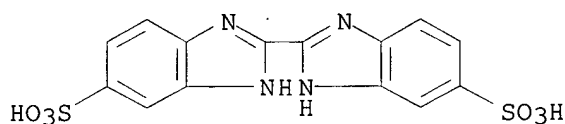
RN 288247-70-1 HCAPLUS

CN [2,2'-Bi-1H-benzimidazole]-5-sulfonic acid (9CI) (CA INDEX NAME)



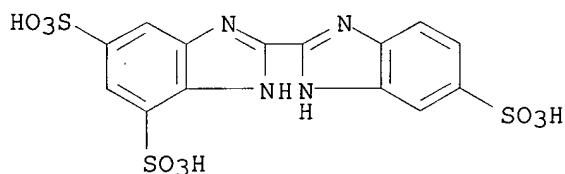
RN 288247-71-2 HCAPLUS

CN [2,2'-Bi-1H-benzimidazole]-5,5'-disulfonic acid (9CI) (CA INDEX NAME)



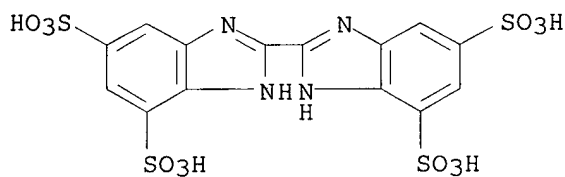
RN 288247-72-3 HCAPLUS

CN [2,2'-Bi-1H-benzimidazole]-4,5',6-trisulfonic acid (9CI) (CA INDEX NAME)



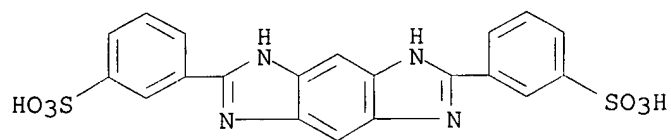
RN 288247-73-4 HCAPLUS

CN [2,2'-Bi-1H-benzimidazole]-4,4',6,6'-tetrasulfonic acid (9CI) (CA INDEX NAME)



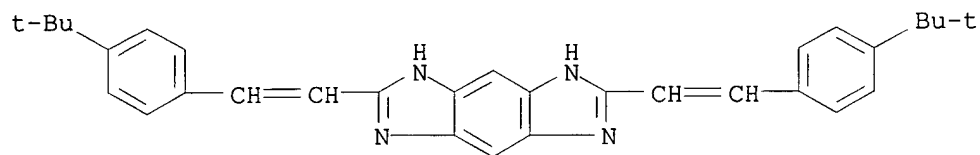
RN 288247-74-5 HCAPLUS

CN Benzenesulfonic acid, 3,3'-(1,5-dihydrobenzo[1,2-d:4,5-d']diimidazole-2,6-diyl)bis- (9CI) (CA INDEX NAME)



RN 288247-75-6 HCAPLUS

CN Benzo[1,2-d:4,5-d']diimidazole, 2,6-bis[2-[4-(1,1-dimethylethyl)phenyl]ethenyl]-1,5-dihydro- (9CI) (CA INDEX NAME)



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L9 ANSWER 5 OF 10 HCAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:573509 HCAPLUS

DOCUMENT NUMBER: 133:182706

TITLE: Photoprotective compositions for skin or hair containing a **bisresorciny**l triazine derivative and a compound with benzoazolyl or benzodiazolyl groups

INVENTOR(S): Candau, Didier

PATENT ASSIGNEE(S): L'Oreal, Fr.

SOURCE: Eur. Pat. Appl., 38 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1027881	A1	20000816	EP 2000-400244	20000131
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
FR 2789582	A1	20000818	FR 1999-1732	19990212
FR 2789582	B1	20010504		
JP 2000273030	A2	20001003	JP 2000-77240	20000214
US 6248311	B1	20010619	US 2000-503944	20000214
PRIORITY APPLN. INFO.:			FR 1999-1732	A 19990212

OTHER SOURCE(S): MARPAT 133:182706

AB Photoprotective compns. fore skin or hair contg. a **bisresorciny**l triazine deriv. and a compd. with benzoazolyl or benzodiazolyl groups (Markush structure given). A photoprotective emulsion contained Sinnowax Ao 7, Cerasynt SD 2, cetyl alc. 1.5, polydimethylsiloxane 1, Witconol TN 15, 2,4-bis {[4-(2-ethylhexyloxy)-2-hydroxy]-phenyl}-6-(4-methoxyphenyl)-1,3,5-triazine 2, glycerin 15, 1,4-bis-benzimidazolyl-phenylene-3,3',5,5'-tetrasulfonic acid 2, triethanolamine q.s. pH = 7, preservatives q.s., and water q.s. 100g.

IT **51-17-2D**, Benzimidazole, derivs. **69-72-7D**, Salicylic acid, derivs. **76-22-2D**, Camphor, derivs. **79-10-7D**, Acrylic acid, di-Ph derivs. **119-61-9D**, Benzophenone, derivs. **120-46-7D**, Dibenzoylmethane, derivs. **150-13-0D**, di-Ph derivs. **290-87-9D**, 1,3,5-Triazine, derivs. **621-82-9D**, Cinnamic acid, derivs. **1314-13-2**, Zinc oxide, biological studies **1314-23-4**, Zirconium oxide, biological studies **1332-37-2**, Iron oxide, biological studies **11129-18-3**, Cerium oxide **13463-67-7**, Titaniumoxide, biological studies **41887-96-1**
52736-63-7 **52736-69-3** **119014-10-7**
170864-82-1 **170864-83-2** **170864-84-3**
187393-00-6 **187393-02-8** **191419-26-8**
191419-27-9 **191419-28-0** **191419-30-4**
254755-41-4 **288247-47-2** **288247-48-3**
288247-49-4 **288247-50-7** **288247-51-8**
288247-55-2 **288247-56-3** **288247-57-4**
288247-58-5 **288247-59-6** **288247-60-9**
288247-61-0 **288247-62-1** **288247-63-2**
288247-64-3 **288247-65-4** **288247-66-5**
288247-67-6 **288247-68-7** **288247-69-8**
288247-70-1 **288247-71-2** **288247-72-3**
288247-73-4 **288247-74-5** **288247-75-6**

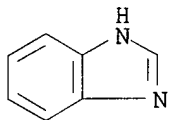
288258-22-0 288258-23-1

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(photoprotective compns. for skin or hair contg. **bisresorcinyl** triazine deriv. and compd. with benzoazolyl or benzodiazolyl groups)

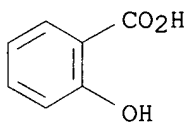
RN 51-17-2 HCAPLUS

CN 1H-Benzimidazole (9CI) (CA INDEX NAME)



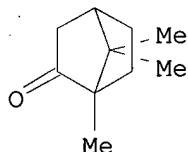
RN 69-72-7 HCAPLUS

CN Benzoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)



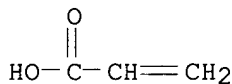
RN 76-22-2 HCAPLUS

CN Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl- (9CI) (CA INDEX NAME)



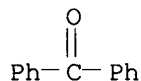
RN 79-10-7 HCAPLUS

CN 2-Propenoic acid (9CI) (CA INDEX NAME)



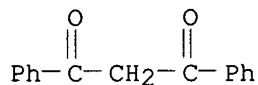
RN 119-61-9 HCAPLUS

CN Methanone, diphenyl- (9CI) (CA INDEX NAME)

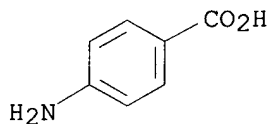


RN 120-46-7 HCAPLUS

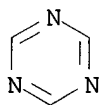
CN 1,3-Propanedione, 1,3-diphenyl- (6CI, 8CI, 9CI) (CA INDEX NAME)



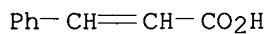
RN 150-13-0 HCAPLUS
CN Benzoic acid, 4-amino- (9CI) (CA INDEX NAME)



RN 290-87-9 HCAPLUS
CN 1,3,5-Triazine (9CI) (CA INDEX NAME)



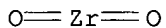
RN 621-82-9 HCAPLUS
CN 2-Propenoic acid, 3-phenyl- (9CI) (CA INDEX NAME)



RN 1314-13-2 HCAPLUS
CN Zinc oxide (ZnO) (9CI) (CA INDEX NAME)



RN 1314-23-4 HCAPLUS
CN Zirconium oxide (ZrO2) (8CI, 9CI) (CA INDEX NAME)



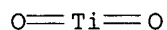
RN 1332-37-2 HCAPLUS
CN Iron oxide (8CI, 9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 11129-18-3 HCAPLUS
CN Cerium oxide (9CI) (CA INDEX NAME)

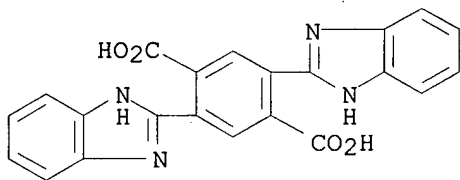
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 13463-67-7 HCAPLUS
CN Titanium oxide (TiO2) (8CI, 9CI) (CA INDEX NAME)



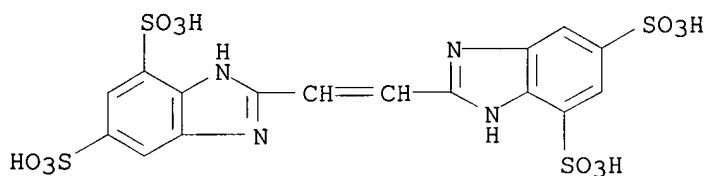
RN 41887-96-1 HCAPLUS

CN 1,4-Benzenedicarboxylic acid, 2,5-bis(1H-benzimidazol-2-yl)- (9CI) (CA INDEX NAME)



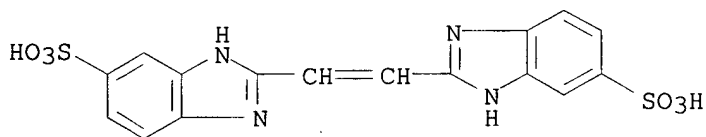
RN 52736-63-7 HCAPLUS

CN 1H-Benzimidazole-4,6-disulfonic acid, 2,2'-(1,2-ethenediyl)bis- (9CI) (CA INDEX NAME)



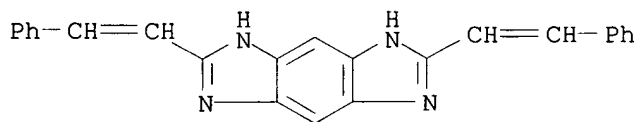
RN 52736-69-3 HCAPLUS

CN 1H-Benzimidazole-5-sulfonic acid, 2,2'-(1,2-ethenediyl)bis- (9CI) (CA INDEX NAME)



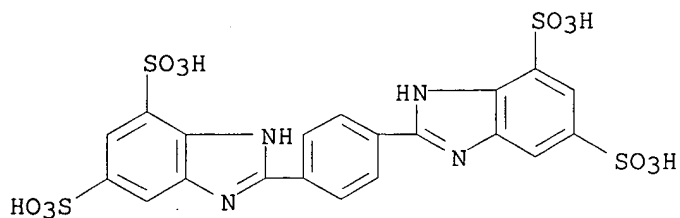
RN 119014-10-7 HCAPLUS

CN Benzo[1,2-d:4,5-d']diimidazole, 1,5-dihydro-2,6-bis(2-phenylethenyl)- (9CI) (CA INDEX NAME)



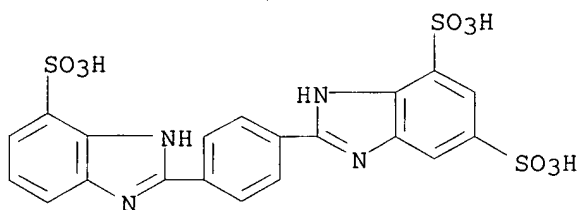
RN 170864-82-1 HCAPLUS

CN 1H-Benzimidazole-4,6-disulfonic acid, 2,2'-(1,4-phenylene)bis- (9CI) (CA INDEX NAME)



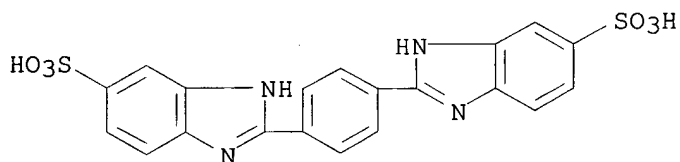
RN 170864-83-2 HCAPLUS

CN 1H-Benzimidazole-4,6-disulfonic acid, 2-[4-(4-sulfo-1H-benzimidazol-2-yl)phenyl]- (9CI) (CA INDEX NAME)



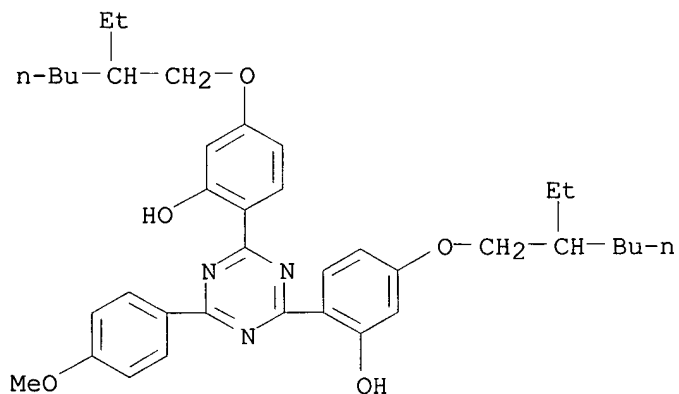
RN 170864-84-3 HCAPLUS

CN 1H-Benzimidazole-5-sulfonic acid, 2,2'-(1,4-phenylene)bis- (9CI) (CA INDEX NAME)



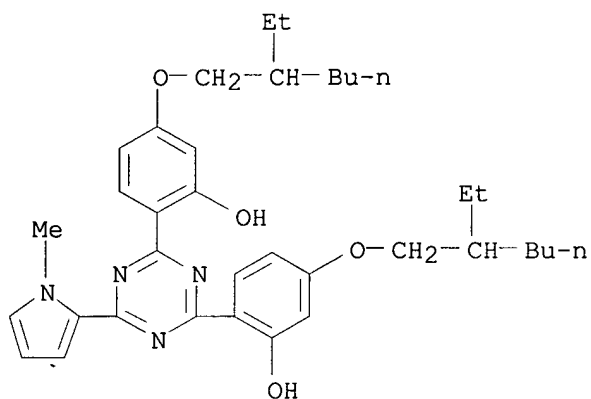
RN 187393-00-6 HCAPLUS

CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[(2-ethylhexyl)oxy]- (9CI) (CA INDEX NAME)



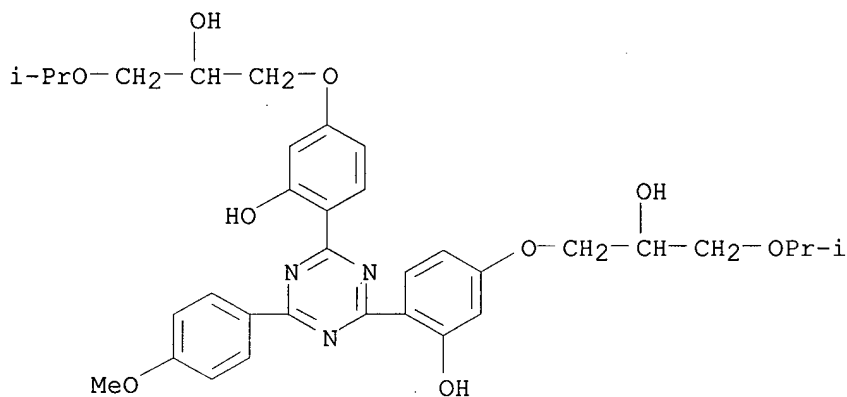
RN 187393-02-8 HCAPLUS

CN Phenol, 2,2'-[6-(1-methyl-1H-pyrrol-2-yl)-1,3,5-triazine-2,4-diyl]bis[5-[(2-ethylhexyl)oxy]- (9CI) (CA INDEX NAME)



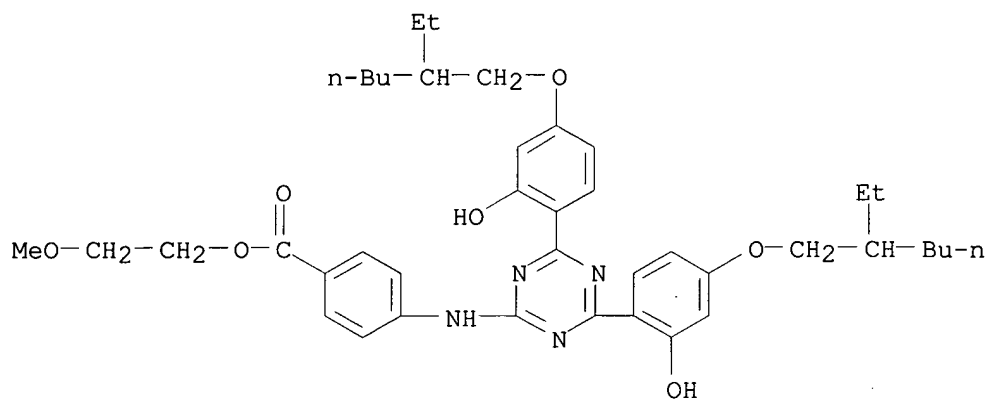
RN 191419-26-8 HCAPLUS

CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[2-hydroxy-3-(1-methylethoxy)propoxy]- (9CI) (CA INDEX NAME)



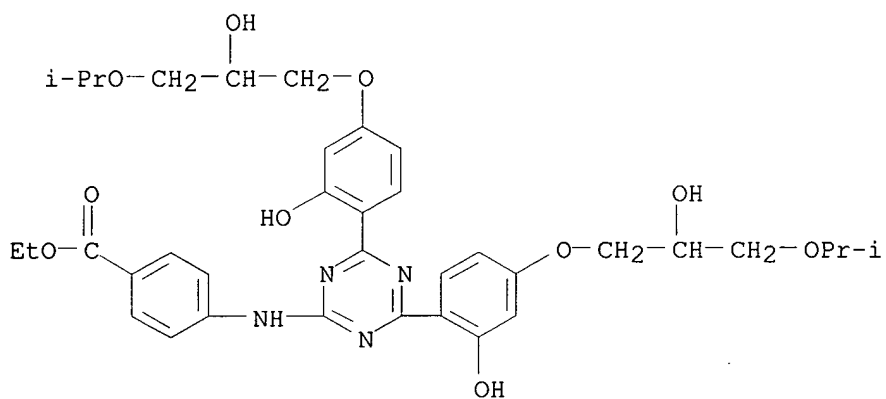
RN 191419-27-9 HCAPLUS

CN Benzoic acid, 4-[[[4,6-bis[4-[(2-ethylhexyl)oxy]-2-hydroxyphenyl]-1,3,5-triazin-2-yl]amino]-, 2-methoxyethyl ester (9CI) (CA INDEX NAME)



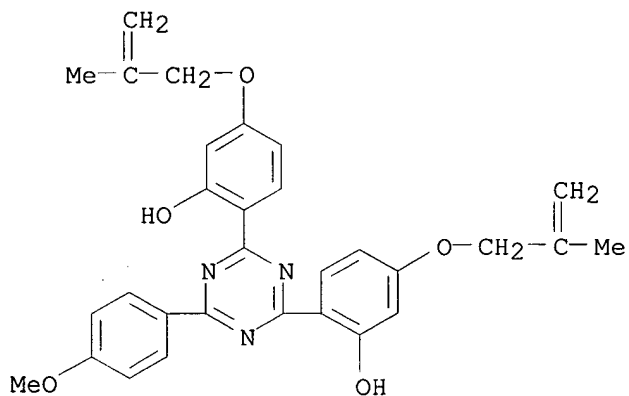
RN 191419-28-0 HCAPLUS

CN Benzoic acid, 4-[[4,6-bis[2-hydroxy-4-[2-hydroxy-3-(1-methylethoxy)propoxy]phenyl]-1,3,5-triazin-2-yl]amino]-, ethyl ester (9CI)
(CA INDEX NAME)



RN 191419-30-4 HCAPLUS

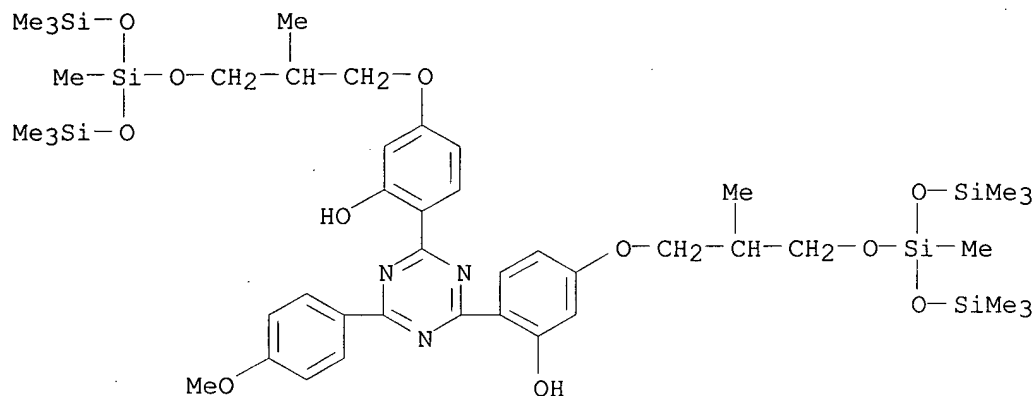
CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[(2-methyl-2-propenyl)oxy]- (9CI) (CA INDEX NAME)



RN 254755-41-4 HCAPLUS

CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[2-methyl-3-[[[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]oxy]propoxy]-

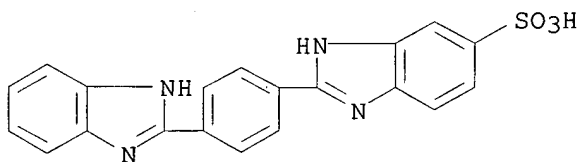
(9CI) (CA INDEX NAME)



RN 288247-47-2 HCAPLUS

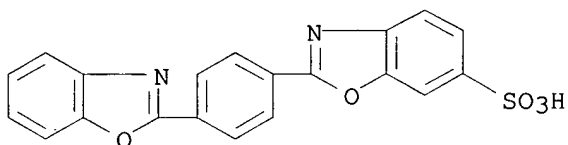
CN 1H-Benzimidazole-5-sulfonic acid, 2-[4-(1H-benzimidazol-2-yl)phenyl]-

(9CI) (CA INDEX NAME)



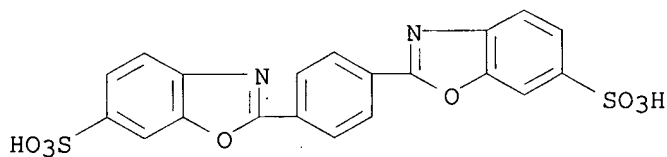
RN 288247-48-3 HCAPLUS

CN 6-Benzoxazolesulfonic acid, 2-[4-(2-benzoxazolyl)phenyl]- (9CI) (CA INDEX NAME)

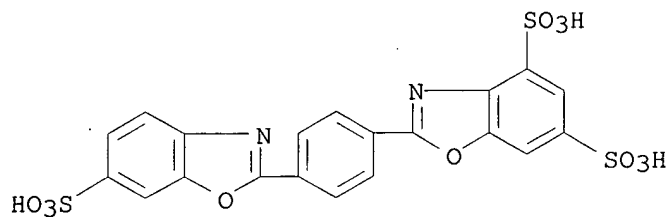


RN 288247-49-4 HCAPLUS

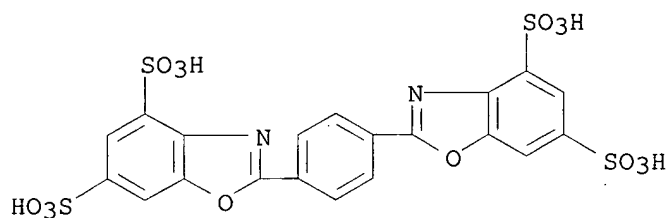
CN 6-Benzoxazolesulfonic acid, 2,2'-(1,4-phenylene)bis- (9CI) (CA INDEX NAME)



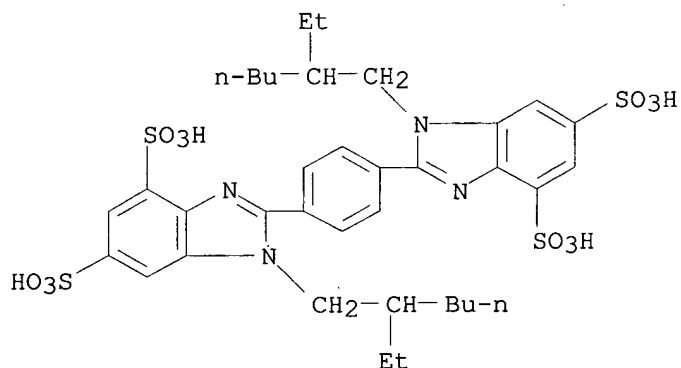
RN 288247-50-7 HCAPLUS
 CN 4,6-Benzoxazoledisulfonic acid, 2-[4-(6-sulfo-2-benzoxazolyl)phenyl]-
 (9CI) (CA INDEX NAME)



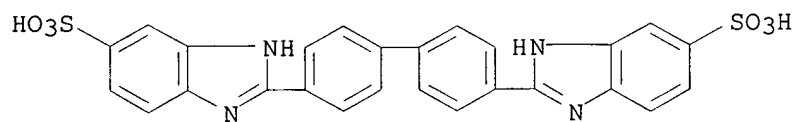
RN 288247-51-8 HCAPLUS
 CN 4,6-Benzoxazoledisulfonic acid, 2,2'-(1,4-phenylene)bis- (9CI) (CA INDEX NAME)



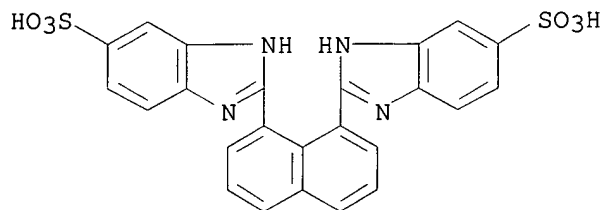
RN 288247-55-2 HCAPLUS
 CN 1H-Benzimidazole-4,6-disulfonic acid, 2,2'-(1,4-phenylene)bis[1-(2-ethylhexyl)- (9CI) (CA INDEX NAME)]



RN 288247-56-3 HCAPLUS
 CN 1H-Benzimidazole-5-sulfonic acid, 2,2'-[1,1'-biphenyl]-4,4'-diylbis- (9CI)
 (CA INDEX NAME)

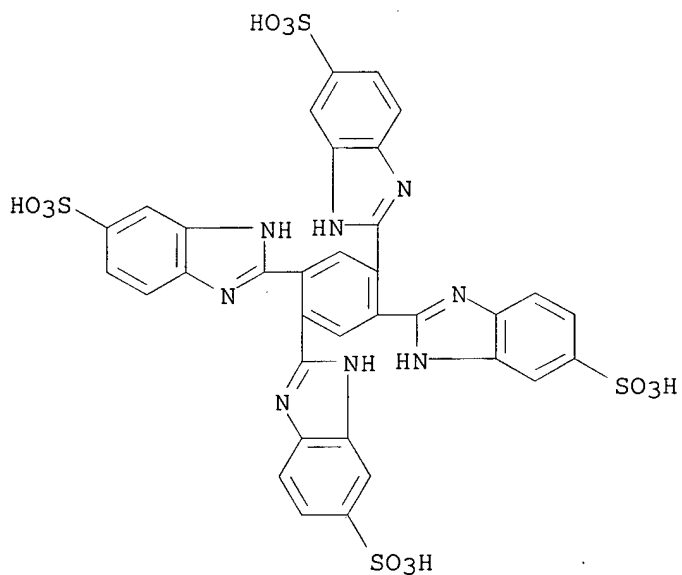


RN 288247-57-4 HCAPLUS

CN 1H-Benzimidazole-5-sulfonic acid, 2,2'-(1,8-naphthalenediyl)bis- (9CI)
(CA INDEX NAME)

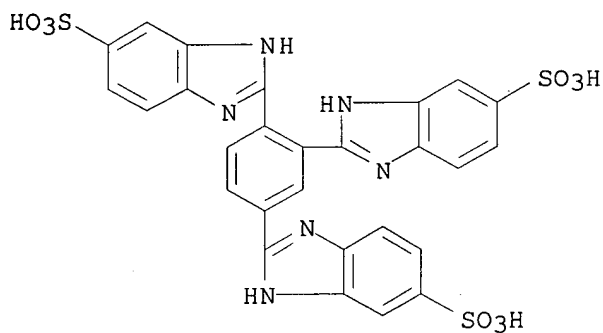
RN 288247-58-5 HCAPLUS

CN 1H-Benzimidazole-5-sulfonic acid, 2,2',2'',2'''-(1,2,4,5-benzenetetrayl)tetrakis- (9CI) (CA INDEX NAME)



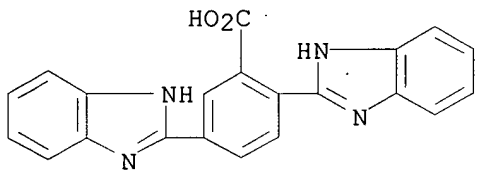
RN 288247-59-6 HCAPLUS

CN 1H-Benzimidazole-5-sulfonic acid, 2,2',2'''-(1,2,4-benzenetriyl)tris- (9CI)
(CA INDEX NAME)



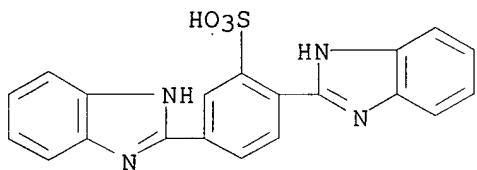
RN 288247-60-9 HCAPLUS

CN Benzoic acid, 2,5-bis(1H-benzimidazol-2-yl)- (9CI) (CA INDEX NAME)



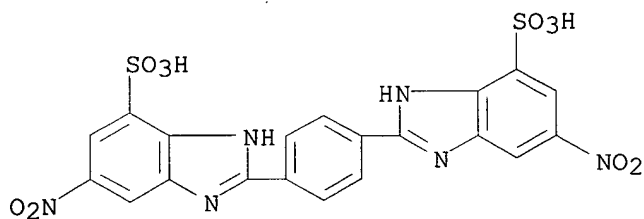
RN 288247-61-0 HCAPLUS

CN Benzenesulfonic acid, 2,5-bis(1H-benzimidazol-2-yl)- (9CI) (CA INDEX NAME)



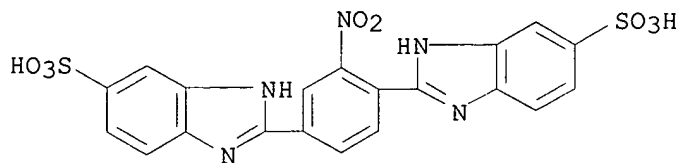
RN 288247-62-1 HCAPLUS

CN 1H-Benzimidazole-4-sulfonic acid, 2,2'-(1,4-phenylene)bis[6-nitro- (9CI) (CA INDEX NAME)



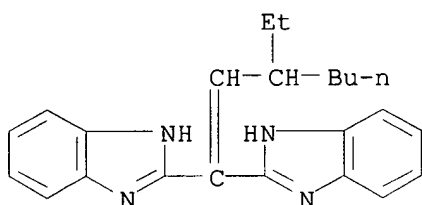
RN 288247-63-2 HCAPLUS

CN 1H-Benzimidazole-5-sulfonic acid, 2,2'-(2-nitro-1,4-phenylene)bis- (9CI) (CA INDEX NAME)



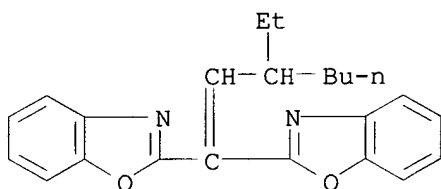
RN 288247-64-3 HCAPLUS

CN 1H-Benzimidazole, 2,2'-(3-ethyl-1-heptenyldiene)bis- (9CI) (CA INDEX NAME)



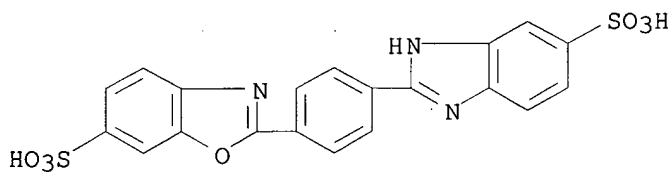
RN 288247-65-4 HCAPLUS

CN Benzoxazole, 2,2'-(3-ethyl-1-heptenyldiene)bis- (9CI) (CA INDEX NAME)



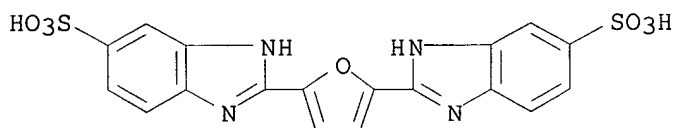
RN 288247-66-5 HCAPLUS

CN 6-Benzoxazolesulfonic acid, 2-[4-(5-sulfo-1H-benzimidazol-2-yl)phenyl]- (9CI) (CA INDEX NAME)

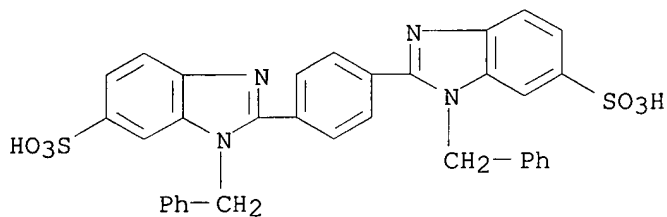


RN 288247-67-6 HCAPLUS

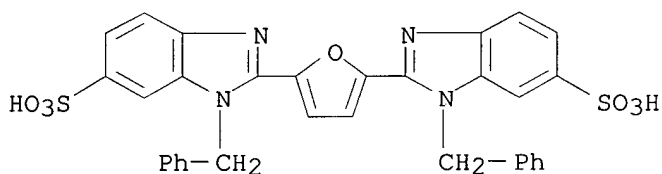
CN 1H-Benzimidazole-5-sulfonic acid, 2,2'-(2,5-furandiyl)bis- (9CI) (CA INDEX NAME)



RN 288247-68-7 HCAPLUS

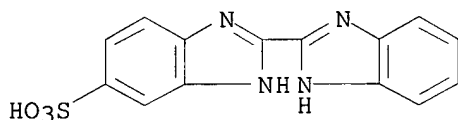
CN 1H-Benzimidazole-6-sulfonic acid, 2,2'-(1,4-phenylene)bis[1-(phenylmethyl)-
(9CI) (CA INDEX NAME)

RN 288247-69-8 HCAPLUS

CN 1H-Benzimidazole-6-sulfonic acid, 2,2'-(2,5-furandiyl)bis[1-(phenylmethyl)-
(9CI) (CA INDEX NAME)

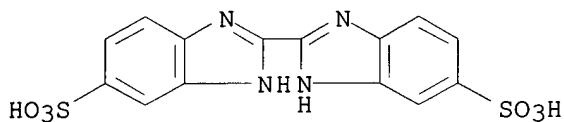
RN 288247-70-1 HCAPLUS

CN [2,2'-Bi-1H-benzimidazole]-5-sulfonic acid (9CI) (CA INDEX NAME)



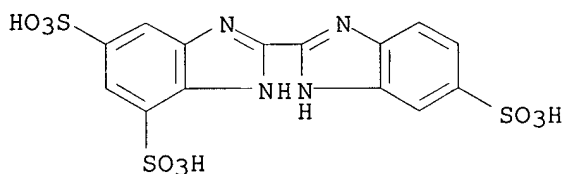
RN 288247-71-2 HCAPLUS

CN [2,2'-Bi-1H-benzimidazole]-5,5'-disulfonic acid (9CI) (CA INDEX NAME)



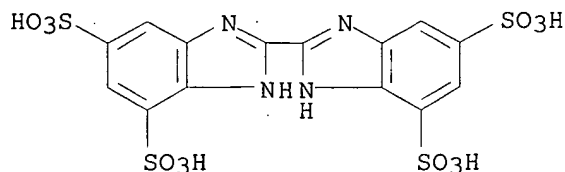
RN 288247-72-3 HCAPLUS

CN [2,2'-Bi-1H-benzimidazole]-4,5',6-trisulfonic acid (9CI) (CA INDEX NAME)



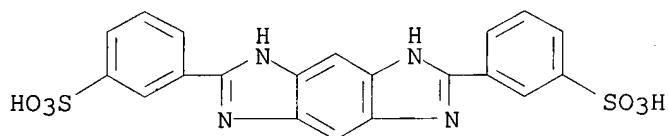
RN 288247-73-4 HCAPLUS

CN [2,2'-Bi-1H-benzimidazole]-4,4',6,6'-tetrasulfonic acid (9CI) (CA INDEX NAME)



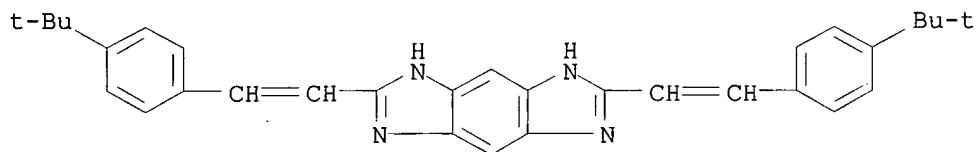
RN 288247-74-5 HCAPLUS

CN Benzenesulfonic acid, 3,3'-(1,5-dihydrobenzo[1,2-d:4,5-d']diimidazole-2,6-diyl)bis- (9CI) (CA INDEX NAME)



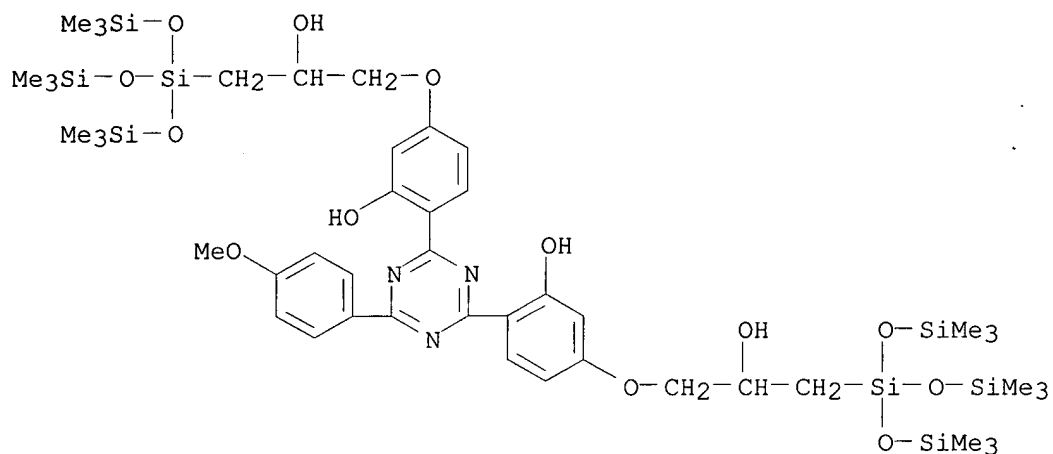
RN 288247-75-6 HCAPLUS

CN Benzo[1,2-d:4,5-d']diimidazole, 2,6-bis[2-[4-(1,1-dimethylethyl)phenyl]ethenyl]-1,5-dihydro- (9CI) (CA INDEX NAME)



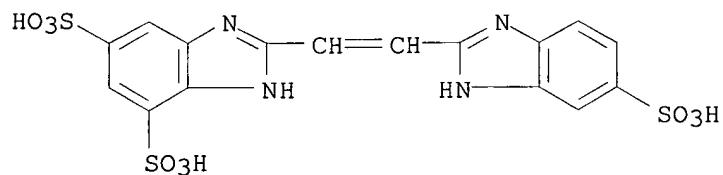
RN 288258-22-0 HCAPLUS

CN Phenol, 2,2'-[6-(4-methoxyphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[2-hydroxy-3-[3,3,3-trimethyl-1,1-bis[(trimethylsilyl)oxy]disiloxanyl]propoxy]- (9CI) (CA INDEX NAME)



RN 288258-23-1 HCAPLUS

CN 1H-Benzimidazole-4,6-disulfonic acid, 2-[2-(5-sulfo-1H-benzimidazol-2-yl)ethenyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

6

THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L9 ANSWER 6 OF 10 HCAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:402932 HCAPLUS

DOCUMENT NUMBER: 133:22162

TITLE: Skin and hair photoprotection compositions based on a synergetic mixture of sunscreens

INVENTOR(S): Pisson, Anne Marie; Candau, Didier

PATENT ASSIGNEE(S): L'Oreal S. A., Fr.

SOURCE: Fr. Demande, 13 pp.

CODEN: FRXXBL

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2781369	A1	20000128	FR 1998-8686	19980707
FR 2781369	B1	20010112		

OTHER SOURCE(S): MARPAT 133:22162

AB Skin and hair photoprotection compns. contain a synergetic mixt. of sunscreens comprising (I) benzene 1,4-di(3-methylene-10-camphosulfonic) acid (I), and (II) a N-substituted benzazole deriv. A sunscreen compn. with SPF of 20.6 contained glycerol 4, triethanolamine 0.65, water 62.55, cetyl alc. 0.5, silicone oil 350 cst 0.5, p-hydroxybenzoate:phenoxy-2-ethanol mixt. 1, stearic acid 2.5, glycerol mono/distearate:PEG stearate 1, Me hydroxypropyl cellulose 0.1, 2-(1-isooctylbenzimidazole-2-yl)benzothiazole 5, I 2.5, glycopentadimethylsiloxane 2, alc. benzoate 20, and acrylic acid-alkyl acrylate copolymer 0.2%.

IT 65-85-0D, Benzoic acid, C12-15-alkyl esters, biological studies
 69-72-7D, Salicylic acid, derivs. 76-22-2D, Camphor, derivs. 79-10-7D, Acrylic acid, di-Ph derivs. 95-14-7D, 1H-Benzotriazole, derivs. 150-13-0D, p-Aminobenzoic acid, di-Ph derivs. 1314-13-2, Zinc oxide, biological studies 1314-23-4, Zirconium oxide, biological studies 11129-18-3, Cerium oxide 13463-67-7, Titanium oxide, biological studies 138789-85-2, Pemulen TR 1 191226-60-5
 207912-79-6 207912-80-9 207912-81-0
 207912-83-2 207912-84-3 207912-85-4
 207912-88-7 207912-91-2 207912-92-3
 207912-97-8 207913-02-8 207913-06-2
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 272777-62-5 273205-78-0 273213-00-6, Witconol

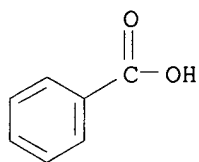
TN

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

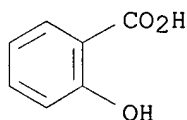
(skin and hair photoprotection compns. based on synergetic mixt. of sunscreens)

RN 65-85-0 HCAPLUS

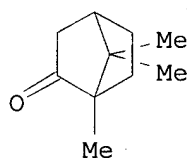
CN Benzoic acid (7CI, 8CI, 9CI) (CA INDEX NAME)



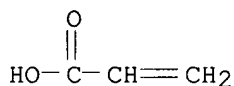
RN 69-72-7 HCAPLUS
CN Benzoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)



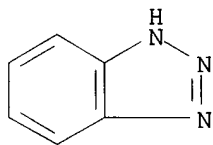
RN 76-22-2 HCAPLUS
CN Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl- (9CI) (CA INDEX NAME)



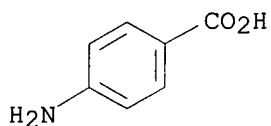
RN 79-10-7 HCAPLUS
CN 2-Propenoic acid (9CI) (CA INDEX NAME)



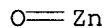
RN 95-14-7 HCAPLUS
CN 1H-Benzotriazole (8CI, 9CI) (CA INDEX NAME)



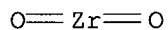
RN 150-13-0 HCAPLUS
CN Benzoic acid, 4-amino- (9CI) (CA INDEX NAME)



RN 1314-13-2 HCAPLUS
CN Zinc oxide (ZnO) (9CI) (CA INDEX NAME)



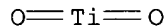
RN 1314-23-4 HCAPLUS
CN Zirconium oxide (ZrO₂) (8CI, 9CI) (CA INDEX NAME)



RN 11129-18-3 HCAPLUS
CN Cerium oxide (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 13463-67-7 HCAPLUS
CN Titanium oxide (TiO₂) (8CI, 9CI) (CA INDEX NAME)

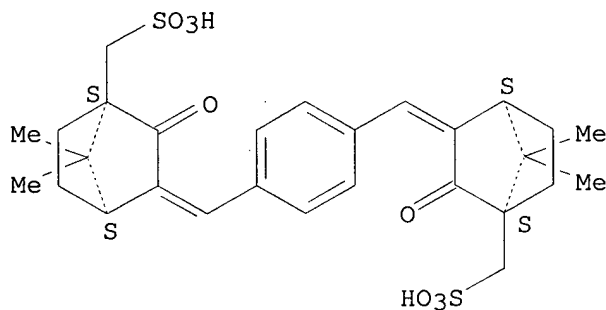


RN 138789-85-2 HCAPLUS
CN Pemulen TR 1 (9CI) (CA INDEX NAME)

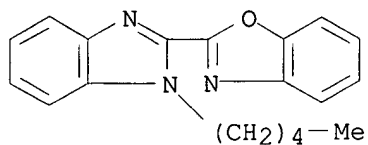
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 191226-60-5 HCAPLUS
CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 3,3'-(1,4-phenylenedimethyldiene)bis[7,7-dimethyl-2-oxo-, (1S,1'S,4S,4'S)- (9CI)
(CA INDEX NAME)

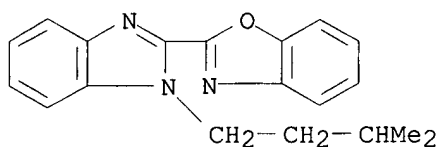
Absolute stereochemistry.
Double bond geometry unknown.



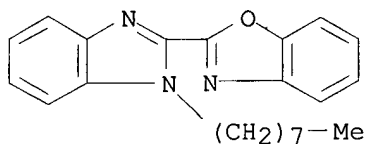
RN 207912-79-6 HCAPLUS
CN Benzoxazole, 2-(1-pentyl-1H-benzimidazol-2-yl)- (9CI) (CA INDEX NAME)



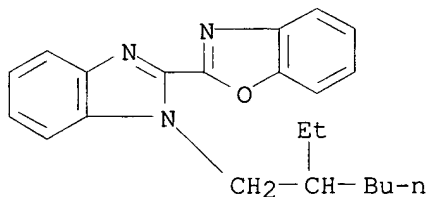
RN 207912-80-9 HCAPLUS
 CN Benzoxazole, 2-[1-(3-methylbutyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)



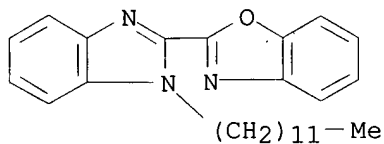
RN 207912-81-0 HCAPLUS
 CN Benzoxazole, 2-(1-octyl-1H-benzimidazol-2-yl)- (9CI) (CA INDEX NAME)



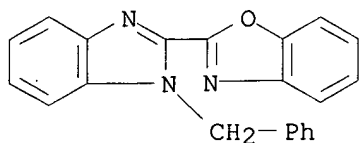
RN 207912-83-2 HCAPLUS
 CN Benzoxazole, 2-[1-(2-ethylhexyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)



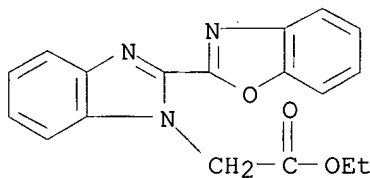
RN 207912-84-3 HCAPLUS
 CN Benzoxazole, 2-(1-dodecyl-1H-benzimidazol-2-yl)- (9CI) (CA INDEX NAME)



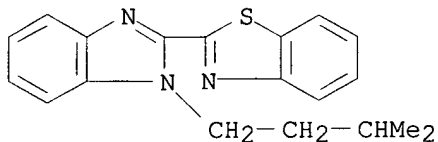
RN 207912-85-4 HCAPLUS
 CN Benzoxazole, 2-[1-(phenylmethyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)



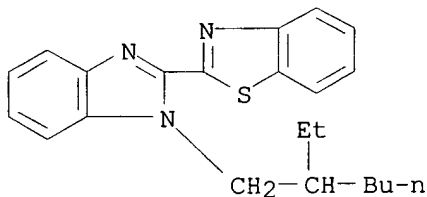
RN 207912-88-7 HCAPLUS

CN 1H-Benzimidazole-1-acetic acid, 2-(2-benzoxazolyl)-, ethyl ester (9CI)
(CA INDEX NAME)

RN 207912-91-2 HCAPLUS

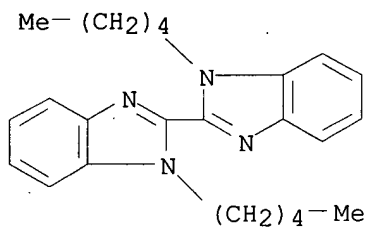
CN Benzothiazole, 2-[1-(3-methylbutyl)-1H-benzimidazol-2-yl]- (9CI) (CA
INDEX NAME)

RN 207912-92-3 HCAPLUS

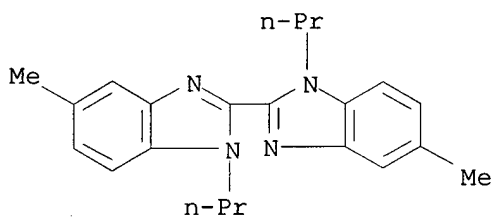
CN Benzothiazole, 2-[1-(2-ethylhexyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX
NAME)

RN 207912-97-8 HCAPLUS

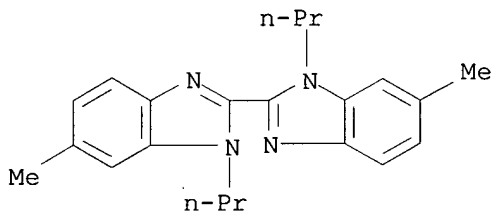
CN 2,2'-Bi-1H-benzimidazole, 1,1'-dipentyl- (9CI) (CA INDEX NAME)



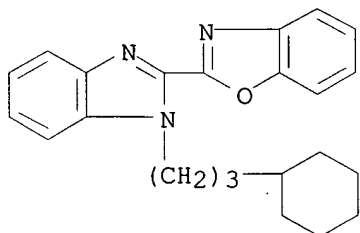
RN 207913-02-8 HCAPLUS
 CN 2,2'-Bi-1H-benzimidazole, 5,5'-dimethyl-1,1'-dipropyl- (9CI) (CA INDEX NAME)



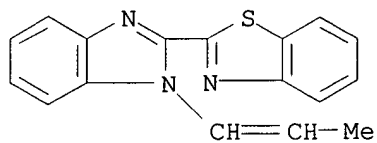
RN 207913-06-2 HCAPLUS
 CN 2,2'-Bi-1H-benzimidazole, 6,6'-dimethyl-1,1'-dipropyl- (9CI) (CA INDEX NAME)



RN 259535-29-0 HCAPLUS
 CN Benzoxazole, 2-[1-(3-cyclohexylpropyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)

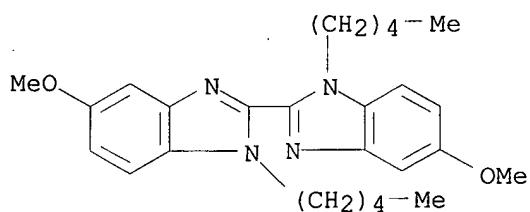


RN 272777-60-3 HCAPLUS
 CN Benzothiazole, 2-[1-(1-propenyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)



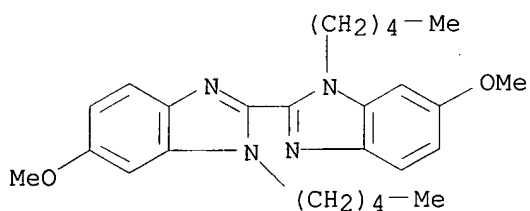
RN 272777-61-4 HCAPLUS

CN 2,2'-Bi-1H-benzimidazole, 5,5'-dimethoxy-1,1'-dipentyl- (9CI) (CA INDEX NAME)



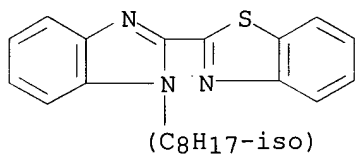
RN 272777-62-5 HCAPLUS

CN 2,2'-Bi-1H-benzimidazole, 6,6'-dimethoxy-1,1'-dipentyl- (9CI) (CA INDEX NAME)



RN 273205-78-0 HCAPLUS

CN Benzothiazole, 2-(1-isooctyl-1H-benzimidazol-2-yl)- (9CI) (CA INDEX NAME)



RN 273213-00-6 HCAPLUS

CN Witconol TN (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

=> d ibib abs hitstr 7

L9 ANSWER 7 OF 10 HCAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:164699 HCAPLUS

DOCUMENT NUMBER: 132:185249

TITLE: Light-protecting cosmetic compositions containing a N-substituted benzazole, a 1,3,5-triazine derivative, and a UV-A sunscreen

INVENTOR(S): Candau, Didier; Pisson, Anne Marie

PATENT ASSIGNEE(S): Oreal S. A., Fr.

SOURCE: Fr. Demande, 31 pp.

CODEN: FRXXBL

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2779957	A1	19991224	FR 1998-7707	19980618
FR 2779957	B1	20000804		

OTHER SOURCE(S): MARPAT 132:185249

AB Cosmetic compns. for photoprotection of skin and hair against harmful effects of UV rays contain a N-substituted benzazole, a triazine deriv., and a UV-A sunscreen. A compn. contained Arlacel 165FL 2, cetyl alc. 1, stearic acid from palm oil 2.5, polydimethylsiloxane 1, triethanolamine 0.5, dioctyl malate 20, 2-(1-(2-ethylhexyl))benzimidazol-2-yl-benzothiazole 3, Uvinul T150, glycerin 5, titanium oxide 5, Synthalen K-3V 0.3, Methocel F4M 0.1, EDTA 0.1, preservatives q.s., and water q.s. 100 g.

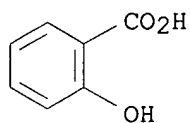
IT 69-72-7D, Salicylic acid, derivs. 76-22-2D, Camphor, derivs. 85-19-8 119-61-9D, Benzophenone, derivs. 131-53-3 131-54-4 131-55-5 131-56-6 131-57-7 150-13-0D, p-Aminobenzoic acid, derivs. 606-84-8D, .beta., .beta.-Diphenylacrylic acid, derivs. 621-82-9, Cinnamic acid, biological studies 1314-13-2, Zinc oxide, biological studies 1314-23-4, Zirconium oxide, biological studies 1341-54-4, Benzophenone 11 1641-17-4 1843-05-6 4065-45-6 5466-77-3, Parsol mcx 6628-37-1 11129-18-3, Cerium oxide 12654-97-6D , Triazine, derivs. 13463-67-7, Titanium dioxide, biological studies 18362-51-1 25855-99-6 55846-72-5 61001-54-5 63250-25-9 63250-26-0 63250-28-2 63250-29-3 70356-09-1 76656-36-5 88122-99-0, Uvinul t150 92761-26-7, Mexoryl SX 93851-27-5 93851-28-6 93851-29-7 93885-98-4 170864-84-3 182251-17-8 207912-79-6 207912-80-9 207912-81-0 207912-83-2 207912-84-3 207912-85-4 207912-88-7 207912-90-1 207912-91-2 207912-92-3 207912-97-8 207913-00-6 207913-01-7 207913-02-8 207913-06-2 259535-29-0

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

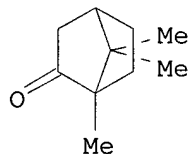
(light-protecting cosmetic compns. contg. N-substituted benzazole, triazine deriv., and UV-A sunscreen)

RN 69-72-7 HCAPLUS

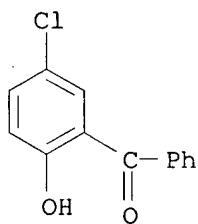
CN Benzoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)



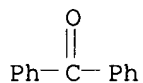
RN 76-22-2 HCAPLUS
CN Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl- (9CI) (CA INDEX NAME)



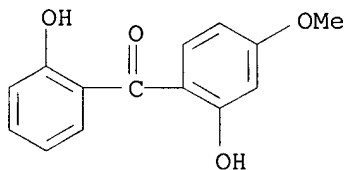
RN 85-19-8 HCAPLUS
CN Methanone, (5-chloro-2-hydroxyphenyl)phenyl- (9CI) (CA INDEX NAME)



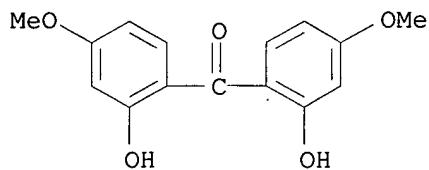
RN 119-61-9 HCAPLUS
CN Methanone, diphenyl- (9CI) (CA INDEX NAME)



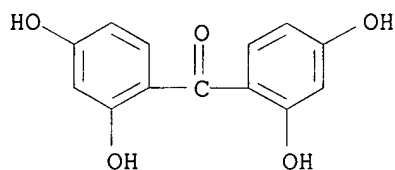
RN 131-53-3 HCAPLUS
CN Methanone, (2-hydroxy-4-methoxyphenyl)(2-hydroxyphenyl)- (9CI) (CA INDEX NAME)



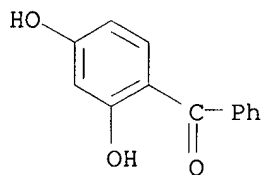
RN 131-54-4 HCAPLUS
CN Methanone, bis(2-hydroxy-4-methoxyphenyl)- (9CI) (CA INDEX NAME)



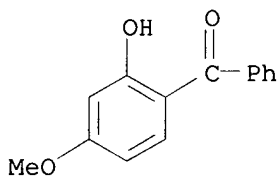
RN 131-55-5 HCAPLUS
CN Methanone, bis(2,4-dihydroxyphenyl)- (9CI) (CA INDEX NAME)



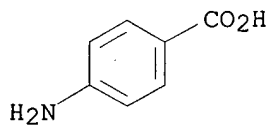
RN 131-56-6 HCAPLUS
CN Methanone, (2,4-dihydroxyphenyl)phenyl- (9CI) (CA INDEX NAME)



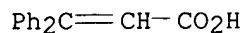
RN 131-57-7 HCAPLUS
CN Methanone, (2-hydroxy-4-methoxyphenyl)phenyl- (9CI) (CA INDEX NAME)



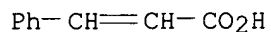
RN 150-13-0 HCAPLUS
CN Benzoic acid, 4-amino- (9CI) (CA INDEX NAME)



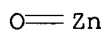
RN 606-84-8 HCAPLUS
CN 2-Propenoic acid, 3,3-diphenyl- (9CI) (CA INDEX NAME)



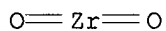
RN 621-82-9 HCAPLUS
 CN 2-Propenoic acid, 3-phenyl- (9CI) (CA INDEX NAME)



RN 1314-13-2 HCAPLUS
 CN Zinc oxide (ZnO) (9CI) (CA INDEX NAME)



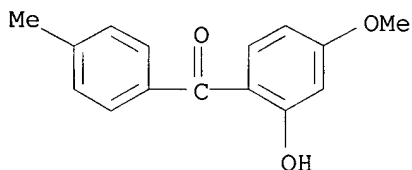
RN 1314-23-4 HCAPLUS
 CN Zirconium oxide (ZrO₂) (8CI, 9CI) (CA INDEX NAME)



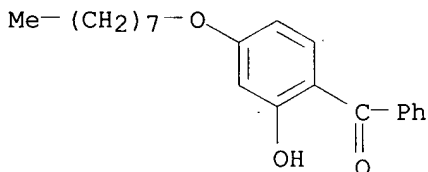
RN 1341-54-4 HCAPLUS
 CN Benzophenone 11 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

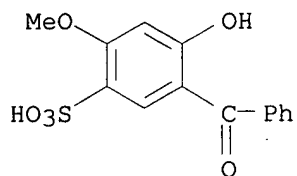
RN 1641-17-4 HCAPLUS
 CN Methanone, (2-hydroxy-4-methoxyphenyl)(4-methylphenyl)- (9CI) (CA INDEX NAME)



RN 1843-05-6 HCAPLUS
 CN Methanone, [2-hydroxy-4-(octyloxy)phenyl]phenyl- (9CI) (CA INDEX NAME)

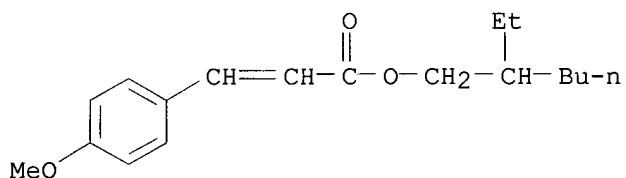


RN 4065-45-6 HCAPLUS
 CN Benzenesulfonic acid, 5-benzoyl-4-hydroxy-2-methoxy- (7CI, 8CI, 9CI) (CA INDEX NAME)



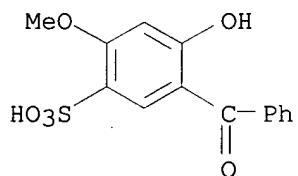
RN 5466-77-3 HCAPLUS

CN 2-Propenoic acid, 3-(4-methoxyphenyl)-, 2-ethylhexyl ester (9CI) (CA INDEX NAME)



RN 6628-37-1 HCAPLUS

CN Benzenesulfonic acid, 5-benzoyl-4-hydroxy-2-methoxy-, monosodium salt (9CI) (CA INDEX NAME)



● Na

RN 11129-18-3 HCAPLUS

CN Cerium oxide (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

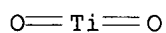
RN 12654-97-6 HCAPLUS

CN Triazine (7CI, 9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

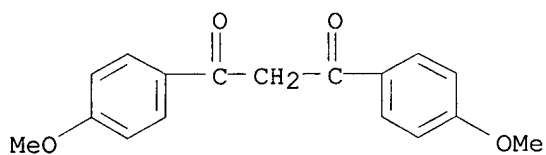
RN 13463-67-7 HCAPLUS

CN Titanium oxide (TiO2) (8CI, 9CI) (CA INDEX NAME)

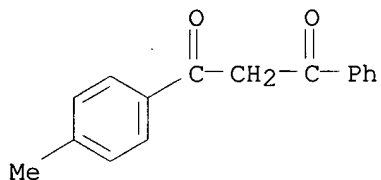


RN 18362-51-1 HCAPLUS

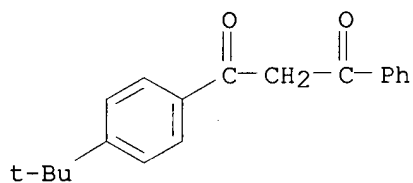
CN 1,3-Propanedione, 1,3-bis(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



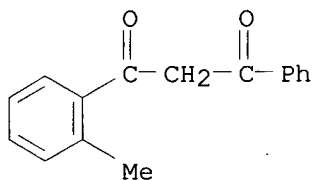
RN 25855-99-6 HCAPLUS
 CN 1,3-Propanedione, 1-(4-methylphenyl)-3-phenyl- (9CI) (CA INDEX NAME)



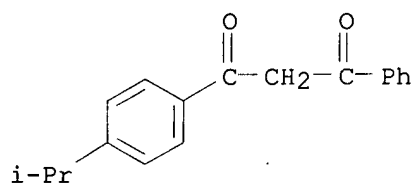
RN 55846-72-5 HCAPLUS
 CN 1,3-Propanedione, 1-[4-(1,1-dimethylethyl)phenyl]-3-phenyl- (9CI) (CA INDEX NAME)



RN 61001-54-5 HCAPLUS
 CN 1,3-Propanedione, 1-(2-methylphenyl)-3-phenyl- (9CI) (CA INDEX NAME)

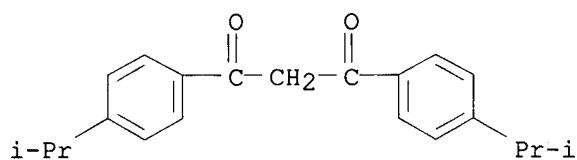


RN 63250-25-9 HCAPLUS
 CN 1,3-Propanedione, 1-[4-(1-methylethyl)phenyl]-3-phenyl- (9CI) (CA INDEX NAME)



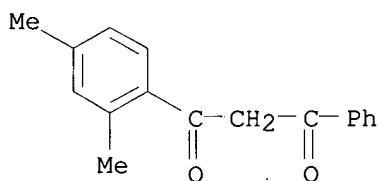
RN 63250-26-0 HCAPLUS

CN 1,3-Propanedione, 1,3-bis[4-(1-methylethyl)phenyl]- (9CI) (CA INDEX NAME)



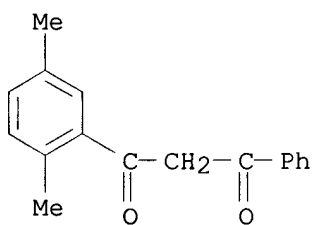
RN 63250-28-2 HCAPLUS

CN 1,3-Propanedione, 1-(2,4-dimethylphenyl)-3-phenyl- (9CI) (CA INDEX NAME)



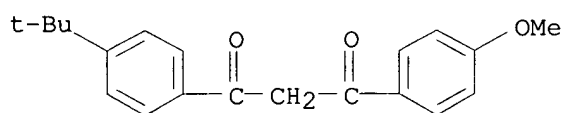
RN 63250-29-3 HCAPLUS

CN 1,3-Propanedione, 1-(2,5-dimethylphenyl)-3-phenyl- (9CI) (CA INDEX NAME)



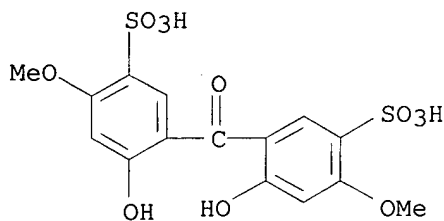
RN 70356-09-1 HCAPLUS

CN 1,3-Propanedione, 1-[4-(1,1-dimethylethyl)phenyl]-3-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



RN 76656-36-5 HCAPLUS

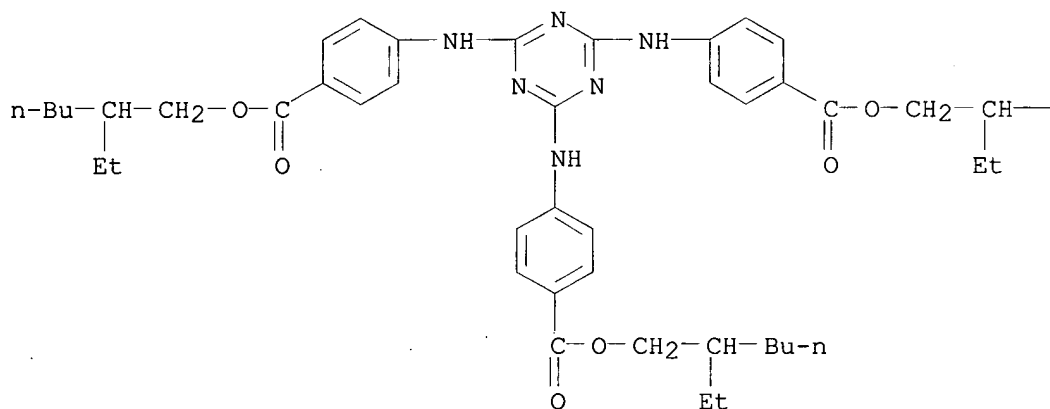
CN Benzenesulfonic acid, 3,3'-carbonylbis[4-hydroxy-6-methoxy-, disodium salt (9CI) (CA INDEX NAME)



● 2 Na

RN 88122-99-0 HCAPLUS

CN Benzoic acid, 4,4',4''-(1,3,5-triazine-2,4,6-triyltriimino)tris-, tris(2-ethylhexyl) ester (9CI) (CA INDEX NAME)



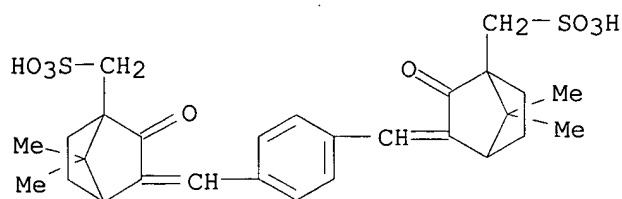
PAGE 1-A

PAGE 1-B

— Bu-n

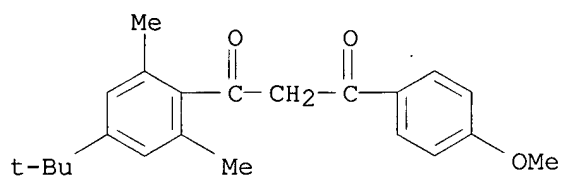
RN 92761-26-7 HCAPLUS

CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 3,3'-(1,4-phenylenedimethyldiyl)bis[7,7-dimethyl-2-oxo- (9CI) (CA INDEX NAME)



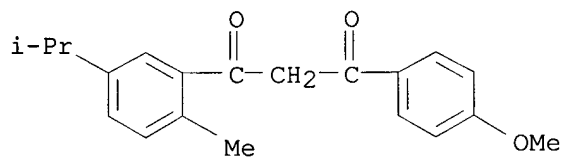
RN 93851-27-5 HCAPLUS

CN 1,3-Propanedione, 1-[4-(1,1-dimethylethyl)-2,6-dimethylphenyl]-3-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



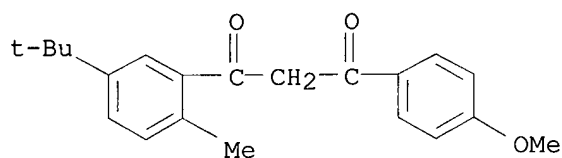
RN 93851-28-6 HCAPLUS

CN 1,3-Propanedione, 1-(4-methoxyphenyl)-3-[2-methyl-5-(1-methylethyl)phenyl]- (9CI) (CA INDEX NAME)



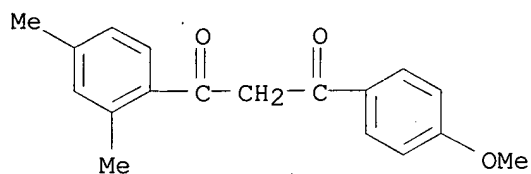
RN 93851-29-7 HCAPLUS

CN 1,3-Propanedione, 1-[5-(1,1-dimethylethyl)-2-methylphenyl]-3-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



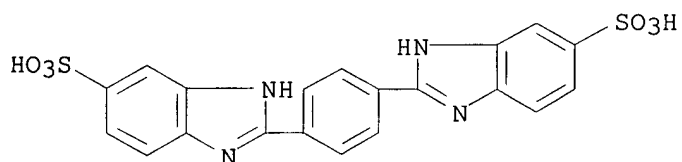
RN 93885-98-4 HCAPLUS

CN 1,3-Propanedione, 1-(2,4-dimethylphenyl)-3-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



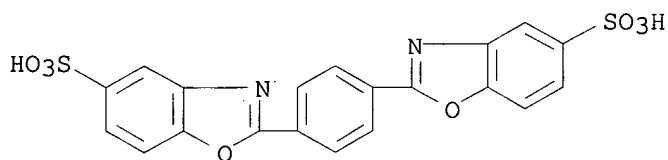
RN 170864-84-3 HCAPLUS

CN 1H-Benzimidazole-5-sulfonic acid, 2,2'-(1,4-phenylene)bis- (9CI) (CA INDEX NAME)



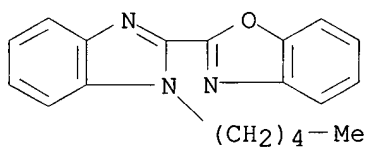
RN 182251-17-8 HCAPLUS

CN 5-Benzoxazolesulfonic acid, 2,2'-(1,4-phenylene)bis- (9CI) (CA INDEX NAME)



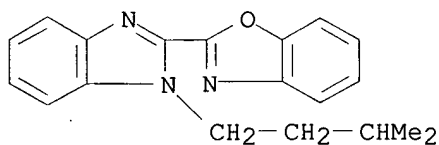
RN 207912-79-6 HCAPLUS

CN Benzoxazole, 2-(1-pentyl-1H-benzimidazol-2-yl)- (9CI) (CA INDEX NAME)



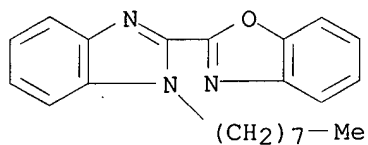
RN 207912-80-9 HCAPLUS

CN Benzoxazole, 2-[1-(3-methylbutyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)

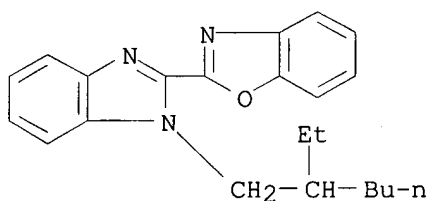


RN 207912-81-0 HCAPLUS

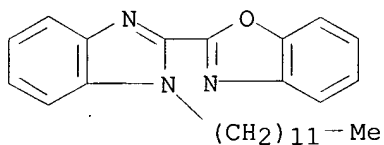
CN Benzoxazole, 2-(1-octyl-1H-benzimidazol-2-yl)- (9CI) (CA INDEX NAME)



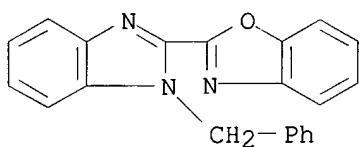
RN 207912-83-2 HCAPLUS
 CN Benzoxazole, 2-[1-(2-ethylhexyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)



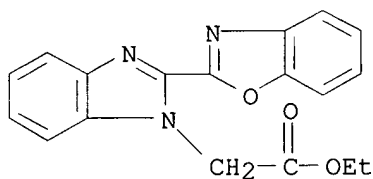
RN 207912-84-3 HCAPLUS
 CN Benzoxazole, 2-(1-dodecyl-1H-benzimidazol-2-yl)- (9CI) (CA INDEX NAME)



RN 207912-85-4 HCAPLUS
 CN Benzoxazole, 2-[1-(phenylmethyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)

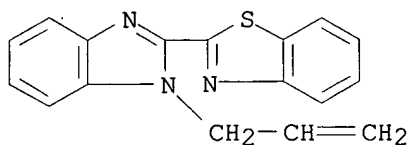


RN 207912-88-7 HCAPLUS
 CN 1H-Benzimidazole-1-acetic acid, 2-(2-benzoxazolyl)-, ethyl ester (9CI)
 (CA INDEX NAME)



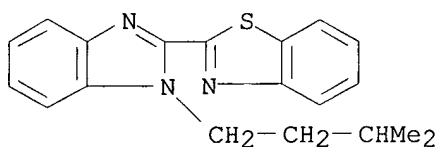
RN 207912-90-1 HCAPLUS

CN Benzothiazole, 2-[1-(2-propenyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)



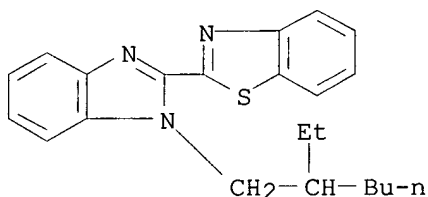
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CN Benzothiazole, 2-[1-(3-methylbutyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)



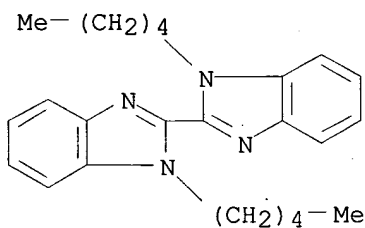
RN 207912-92-3 HCAPLUS

CN Benzothiazole, 2-[1-(2-ethylhexyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)



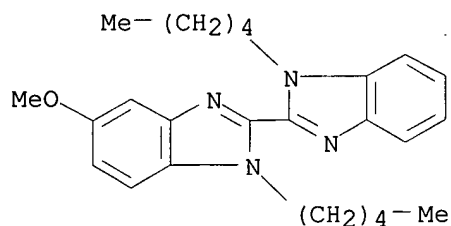
RN 207912-97-8 HCAPLUS

CN 2,2'-Bi-1H-benzimidazole, 1,1'-dipentyl- (9CI) (CA INDEX NAME)

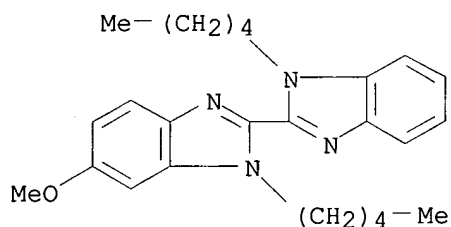


RN 207913-00-6 HCAPLUS

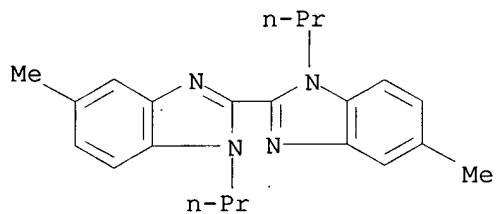
CN 2,2'-Bi-1H-benzimidazole, 5-methoxy-1,1'-dipentyl- (9CI) (CA INDEX NAME)



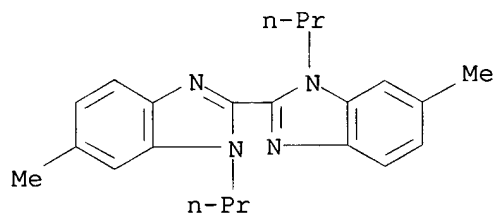
RN 207913-01-7. HCAPLUS
 CN 2,2'-Bi-1H-benzimidazole, 6-methoxy-1,1'-dipentyl- (9CI) (CA INDEX NAME)



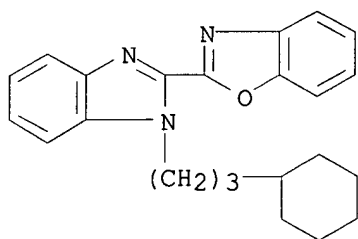
RN 207913-02-8 HCAPLUS
 CN 2,2'-Bi-1H-benzimidazole, 5,5'-dimethyl-1,1'-dipropyl- (9CI) (CA INDEX NAME)



RN 207913-06-2 HCAPLUS
 CN 2,2'-Bi-1H-benzimidazole, 6,6'-dimethyl-1,1'-dipropyl- (9CI) (CA INDEX NAME)



RN 259535-29-0 HCAPLUS
 CN Benzoxazole, 2-[1-(3-cyclohexylpropyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)



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L9 ANSWER 8 OF 10 HCAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 2000:164698 HCAPLUS
 DOCUMENT NUMBER: 132:185235
 TITLE: Cosmetic compositions for photoprotection of skin and hair containing N-substituted benzazole and dibenzoylmethane derivatives, and UV-B sunscreens
 INVENTOR(S): Candau, Didier
 PATENT ASSIGNEE(S): Oreal S. A., Fr.
 SOURCE: Fr. Demande, 20 pp.
 CODEN: FRXXBL
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2779956	A1	19991224	FR 1998-7706	19980618
FR 2779956	B1	20000804		

OTHER SOURCE(S): MARPAT 132:185235

AB Cosmetic compns. for photoprotection of skin and hair against harmful effects of UV rays contain N-substituted benzazole and dibenzoylmethane derivs., and UV-B sunscreens which is liq. at room temp. A compn. contained Arlacel 165FL 2, cetyl alc. 1, stearic acid from palm oil 2, polydimethylsiloxane 0.5, triethanolamine 0.5, C12-15 alkyl benzoates 3, 2-(1-(2-ethylhexyl))benzimidazol-2-yl-benzothiazole 3, Parsol 1789 2, glycerin 6, Octocrylene 10, Synthalen K-3V 0.3, Methocel F4M 0.15, EDTA 0.1, preservatives q.s., and water q.s. 100 g.

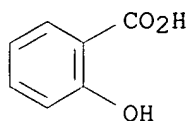
IT 69-72-7D, Salicylic acid, derivs. 76-22-2D, Camphor, derivs. 119-61-9D, Benzophenone, derivs. 150-13-0D, p-Aminobenzoic acid, derivs. 606-84-8D, .beta., .beta.-Diphenylacrylic acid, derivs. 621-82-9, Cinnamic acid, biological studies 1314-13-2, Zinc oxide, biological studies 1314-23-4, Zirconium oxide, biological studies 5466-77-3, Parsol mcx 11129-18-3, Cerium oxide 12654-97-6D, Triazine, derivs. 13463-67-7, Titanium dioxide, biological studies 18362-51-1 25855-99-6 27503-81-7, Eusolex 232 55846-72-5 61001-54-5 63250-25-9 63250-26-0 63250-28-2 63250-29-3 70356-09-1 92761-26-7, Mexoryl SX 93851-27-5 93851-28-6 93851-29-7 93885-98-4 207912-79-6 207912-80-9 207912-81-0 207912-83-2 207912-84-3 207912-85-4 207912-88-7 207912-90-1 207912-91-2 207912-92-3 207912-97-8 207913-00-6 207913-01-7 207913-02-8 207913-06-2 259535-29-0

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

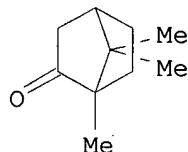
(cosmetic compns. for photoprotection of skin and hair contg. N-substituted benzazole and dibenzoylmethane derivs., and UV-B sunscreens)

RN 69-72-7 HCAPLUS

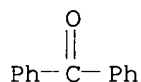
CN Benzoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)



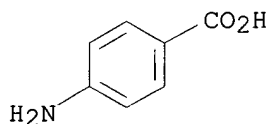
RN 76-22-2 HCAPLUS
 CN Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl- (9CI) (CA INDEX NAME)



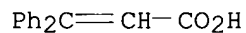
RN 119-61-9 HCAPLUS
 CN Methanone, diphenyl- (9CI) (CA INDEX NAME)



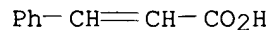
RN 150-13-0 HCAPLUS
 CN Benzoic acid, 4-amino- (9CI) (CA INDEX NAME)



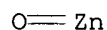
RN 606-84-8 HCAPLUS
 CN 2-Propenoic acid, 3,3-diphenyl- (9CI) (CA INDEX NAME)



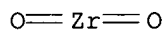
RN 621-82-9 HCAPLUS
 CN 2-Propenoic acid, 3-phenyl- (9CI) (CA INDEX NAME)



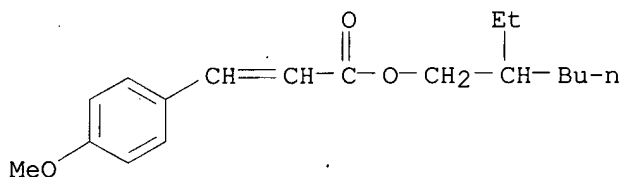
RN 1314-13-2 HCAPLUS
 CN Zinc oxide (ZnO) (9CI) (CA INDEX NAME)



RN 1314-23-4 HCAPLUS
 CN Zirconium oxide (ZrO₂) (8CI, 9CI) (CA INDEX NAME)



RN 5466-77-3 HCAPLUS
 CN 2-Propenoic acid, 3-(4-methoxyphenyl)-, 2-ethylhexyl ester (9CI) (CA INDEX NAME)



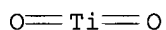
RN 11129-18-3 HCAPLUS
 CN Cerium oxide (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

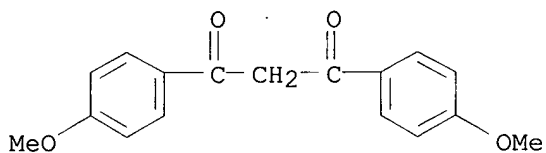
RN 12654-97-6 HCAPLUS
 CN Triazine (7CI, 9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

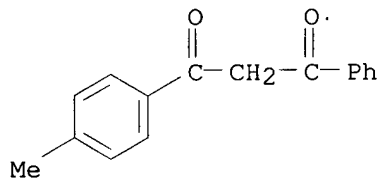
RN 13463-67-7 HCAPLUS
 CN Titanium oxide (TiO₂) (8CI, 9CI) (CA INDEX NAME)



RN 18362-51-1 HCAPLUS
 CN 1,3-Propanedione, 1,3-bis(4-methoxyphenyl)- (9CI) (CA INDEX NAME)

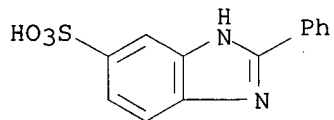


RN 25855-99-6 HCAPLUS
 CN 1,3-Propanedione, 1-(4-methylphenyl)-3-phenyl- (9CI) (CA INDEX NAME)



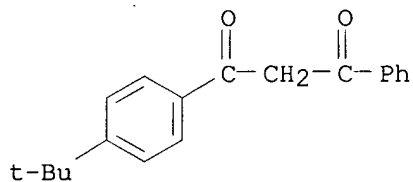
RN 27503-81-7 HCAPLUS

CN 1H-Benzimidazole-5-sulfonic acid, 2-phenyl- (9CI) (CA INDEX NAME)



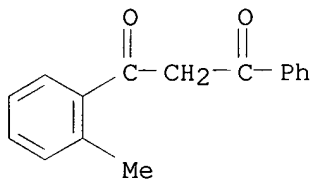
RN 55846-72-5 HCAPLUS

CN 1,3-Propanedione, 1-[4-(1,1-dimethylethyl)phenyl]-3-phenyl- (9CI) (CA INDEX NAME)



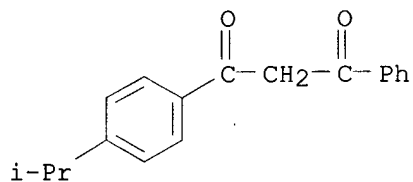
RN 61001-54-5 HCAPLUS

CN 1,3-Propanedione, 1-(2-methylphenyl)-3-phenyl- (9CI) (CA INDEX NAME)



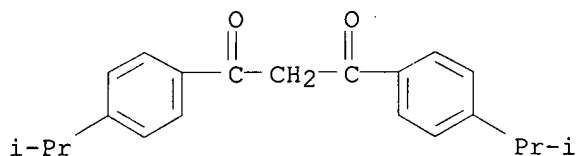
RN 63250-25-9 HCAPLUS

CN 1,3-Propanedione, 1-[4-(1-methylethyl)phenyl]-3-phenyl- (9CI) (CA INDEX NAME)



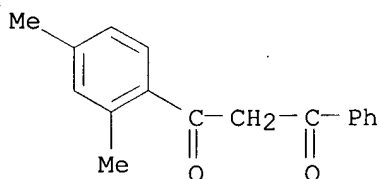
RN 63250-26-0 HCAPLUS

CN 1,3-Propanedione, 1,3-bis[4-(1-methylethyl)phenyl]- (9CI) (CA INDEX NAME)



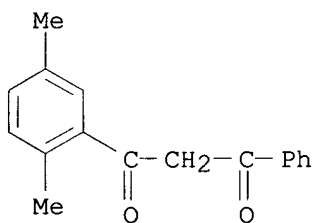
RN 63250-28-2 HCAPLUS

CN 1,3-Propanedione, 1-(2,4-dimethylphenyl)-3-phenyl- (9CI) (CA INDEX NAME)



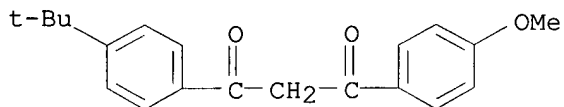
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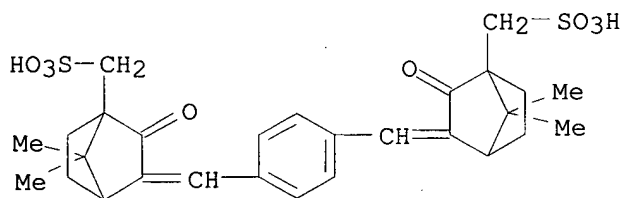
RN 70356-09-1 HCAPLUS

CN 1,3-Propanedione, 1-[4-(1,1-dimethylethyl)phenyl]-3-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



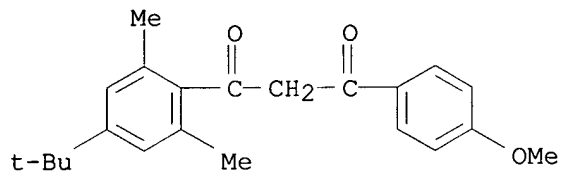
RN 92761-26-7 HCAPLUS

CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 3,3'-(1,4-phenylenedimethyldiylidene)bis[7,7-dimethyl-2-oxo- (9CI) (CA INDEX NAME)



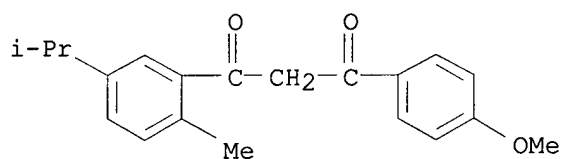
RN 93851-27-5 HCAPLUS

CN 1,3-Propanedione, 1-[4-(1,1-dimethylethyl)-2,6-dimethylphenyl]-3-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



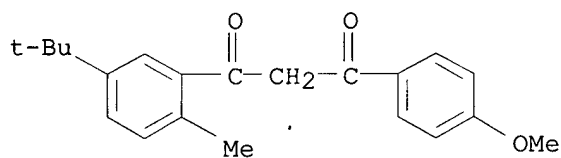
RN 93851-28-6 HCAPLUS

CN 1,3-Propanedione, 1-(4-methoxyphenyl)-3-[2-methyl-5-(1-methylethyl)phenyl]- (9CI) (CA INDEX NAME)



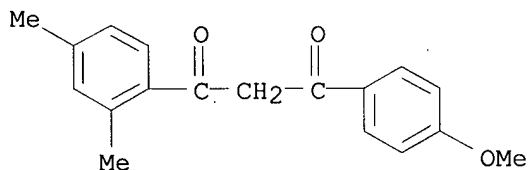
RN 93851-29-7 HCAPLUS

CN 1,3-Propanedione, 1-[5-(1,1-dimethylethyl)-2-methylphenyl]-3-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



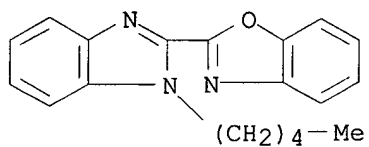
RN 93885-98-4 HCAPLUS

CN 1,3-Propanedione, 1-(2,4-dimethylphenyl)-3-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)

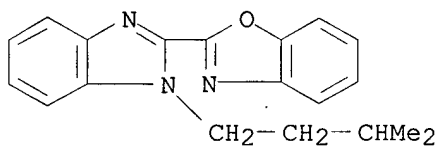


RN 207912-79-6 HCAPLUS

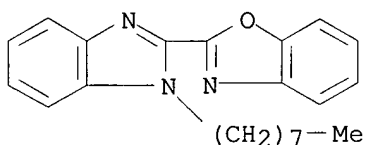
CN Benzoxazole, 2-(1-pentyl-1H-benzimidazol-2-yl)- (9CI) (CA INDEX NAME)



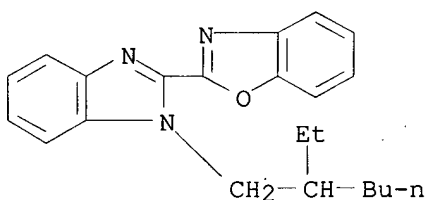
RN 207912-80-9 HCAPLUS
 CN Benzoxazole, 2-[1-(3-methylbutyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)



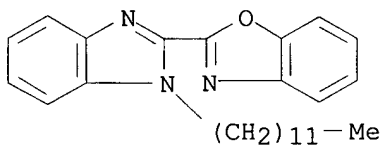
RN 207912-81-0 HCAPLUS
 CN Benzoxazole, 2-(1-octyl-1H-benzimidazol-2-yl)- (9CI) (CA INDEX NAME)



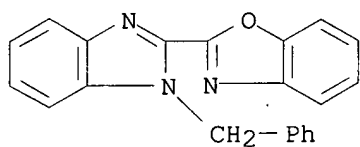
RN 207912-83-2 HCAPLUS
 CN Benzoxazole, 2-[1-(2-ethylhexyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)



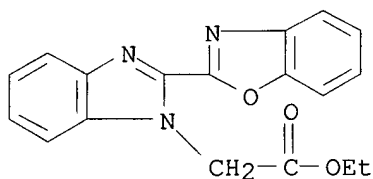
RN 207912-84-3 HCAPLUS
 CN Benzoxazole, 2-(1-dodecyl-1H-benzimidazol-2-yl)- (9CI) (CA INDEX NAME)



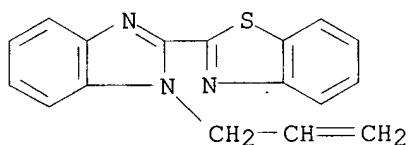
RN 207912-85-4 HCAPLUS
 CN Benzoxazole, 2-[1-(phenylmethyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)



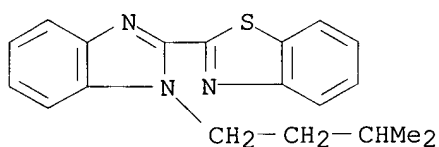
RN 207912-88-7 HCAPLUS

CN 1H-Benzimidazole-1-acetic acid, 2-(2-benzoxazolyl)-, ethyl ester (9CI)
(CA INDEX NAME)

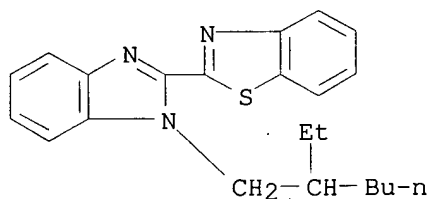
RN 207912-90-1 HCAPLUS

CN Benzothiazole, 2-[1-(2-propenyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX
NAME)

RN 207912-91-2 HCAPLUS

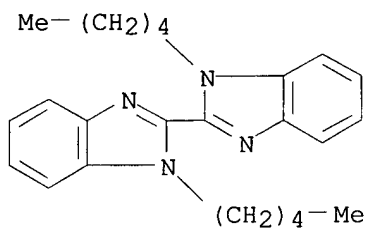
CN Benzothiazole, 2-[1-(3-methylbutyl)-1H-benzimidazol-2-yl]- (9CI) (CA
INDEX NAME)

RN 207912-92-3 HCAPLUS

CN Benzothiazole, 2-[1-(2-ethylhexyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX
NAME)

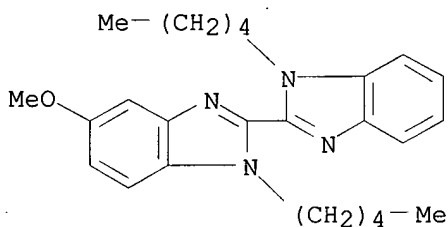
RN 207912-97-8 HCAPLUS

CN 2,2'-Bi-1H-benzimidazole, 1,1'-dipentyl- (9CI) (CA INDEX NAME)



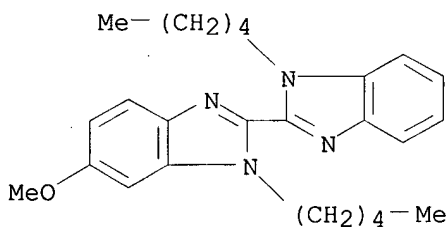
RN 207913-00-6 HCAPLUS

CN 2,2'-Bi-1H-benzimidazole, 5-methoxy-1,1'-dipentyl- (9CI) (CA INDEX NAME)



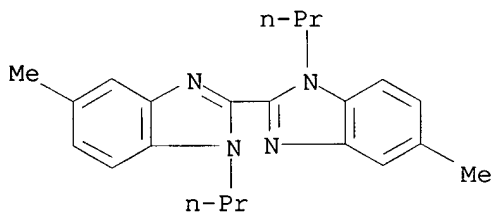
RN 207913-01-7 HCAPLUS

CN 2,2'-Bi-1H-benzimidazole, 6-methoxy-1,1'-dipentyl- (9CI) (CA INDEX NAME)



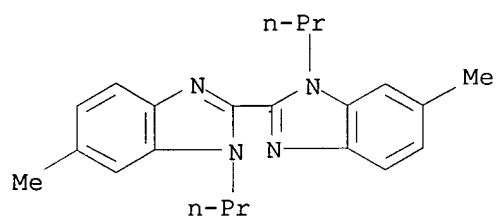
RN 207913-02-8 HCAPLUS

CN 2,2'-Bi-1H-benzimidazole, 5,5'-dimethyl-1,1'-dipropyl- (9CI) (CA INDEX NAME)

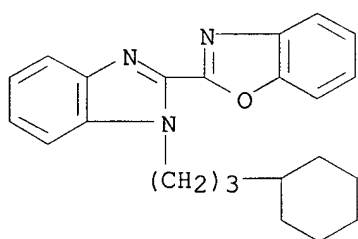


RN 207913-06-2 HCAPLUS

CN 2,2'-Bi-1H-benzimidazole, 6,6'-dimethyl-1,1'-dipropyl- (9CI) (CA INDEX NAME)



RN 259535-29-0 HCAPLUS
 CN Benzoxazole, 2-[1-(3-cyclohexylpropyl)-1H-benzimidazol-2-yl]- (9CI) (CA
 INDEX NAME)



=> d ibib abs hitstr 9

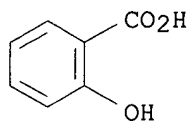
L9 ANSWER 9 OF 10 HCAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 2000:163050 HCAPLUS
 DOCUMENT NUMBER: 132:185248
 TITLE: Cosmetic compositions for photoprotection of skin and hair containing N-substituted benzazole and dibenzoylmethane derivatives, and hydrophilic sunscreens
 INVENTOR(S): Candau, Didier; Pisson, Anne Marie
 PATENT ASSIGNEE(S): Oreal S. A., Fr.
 SOURCE: Fr. Demande, 27 pp.
 CODEN: FRXXBL
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2779955	A1	19991224	FR 1998-7705	19980618
FR 2779955	B1	20000804		

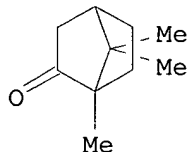
AB Cosmetic compns. for photoprotection of skin and hair against harmful effects of UV rays contain N-substituted benzazole and dibenzoylmethane derivs., and hydrophilic sunscreens. A compn. contained Arlacel 165FL 2, stearyl alc. 1, stearic acid from palm oil 2, polydimethylsiloxane 0.5, triethanolamine 0.5, 2-(1-(2-ethylhexyl))benzimidazol-2-yl-benzothiazole 2.5, Parsol 1789 2, propylene glycol 4, glycerin 4, Mexoryl SX 2.5, Synthalen K-3V 0.3, Methocel F4M 0.15, preservatives q.s., EDTA 0.1, and water q.s. 100 g.

IT 69-72-7D, Salicylic acid, derivs. 76-22-2D, Camphor, derivs. 104-98-3, Urocanic acid 119-61-9D, Benzophenone, derivs. 150-13-0D, p-Aminobenzoic acid, derivs. 606-84-8D, .beta., .beta.-Diphenylacrylic acid, derivs. 621-82-9, Cinnamic acid, biological studies 1314-13-2, Zinc oxide, biological studies 1314-23-4, Zirconium oxide, biological studies 4065-45-6 11129-18-3, Cerium oxide 12654-97-6D, Triazine, derivs. 13463-67-7, Titanium dioxide, biological studies 18362-51-1 25855-99-6 27503-81-7 55846-72-5 61001-54-5 63250-25-9 63250-26-0 63250-28-2 63250-29-3 70356-09-1 92761-26-7 93851-27-5 93851-28-6 93851-29-7 93885-98-4 168475-44-3 207912-79-6 207912-80-9 207912-81-0 207912-83-2 207912-84-3 207912-85-4 207912-88-7 207912-90-1 207912-91-2 207912-92-3 207912-97-8 207913-00-6 207913-01-7 207913-02-8 207913-06-2 259535-29-0
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (cosmetic compns. for photoprotection of skin and hair contg. N-substituted benzazole and dibenzoylmethane derivs., and hydrophilic sunscreens)

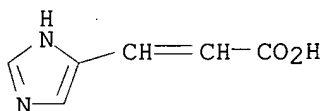
RN 69-72-7 HCAPLUS
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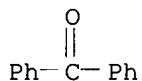
RN 76-22-2 HCAPLUS
 CN Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl- (9CI) (CA INDEX NAME)



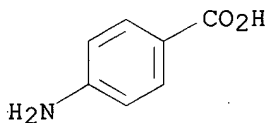
RN 104-98-3 HCAPLUS
 CN 2-Propenoic acid, 3-(1H-imidazol-4-yl)- (9CI) (CA INDEX NAME)



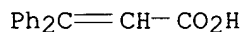
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 CN Methanone, diphenyl- (9CI) (CA INDEX NAME)



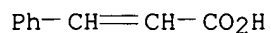
RN 150-13-0 HCAPLUS
 CN Benzoic acid, 4-amino- (9CI) (CA INDEX NAME)



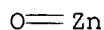
RN 606-84-8 HCAPLUS
 CN 2-Propenoic acid, 3,3-diphenyl- (9CI) (CA INDEX NAME)



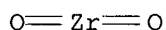
RN 621-82-9 HCAPLUS
 CN 2-Propenoic acid, 3-phenyl- (9CI) (CA INDEX NAME)



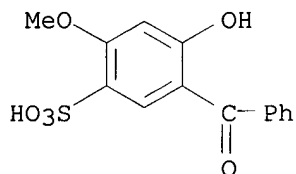
RN 1314-13-2 HCAPLUS
CN Zinc oxide (ZnO) (9CI) (CA INDEX NAME)



RN 1314-23-4 HCAPLUS
CN Zirconium oxide (ZrO₂) (8CI, 9CI) (CA INDEX NAME)



RN 4065-45-6 HCAPLUS
CN Benzenesulfonic acid, 5-benzoyl-4-hydroxy-2-methoxy- (7CI, 8CI, 9CI) (CA INDEX NAME)



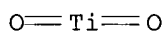
RN 11129-18-3 HCAPLUS
CN Cerium oxide (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

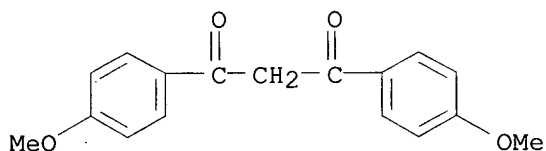
RN 12654-97-6 HCAPLUS
CN Triazine (7CI, 9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

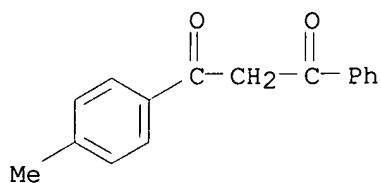
RN 13463-67-7 HCAPLUS
CN Titanium oxide (TiO₂) (8CI, 9CI) (CA INDEX NAME)



RN 18362-51-1 HCAPLUS
CN 1,3-Propanedione, 1,3-bis(4-methoxyphenyl)- (9CI) (CA INDEX NAME)

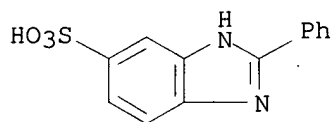


RN 25855-99-6 HCAPLUS
CN 1,3-Propanedione, 1-(4-methylphenyl)-3-phenyl- (9CI) (CA INDEX NAME)



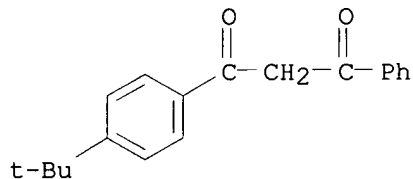
RN 27503-81-7 HCAPLUS

CN 1H-Benzimidazole-5-sulfonic acid, 2-phenyl- (9CI) (CA INDEX NAME)



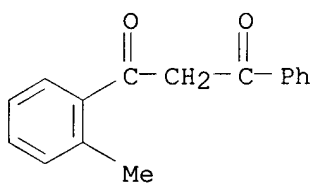
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CN 1,3-Propanedione, 1-[4-(1,1-dimethylethyl)phenyl]-3-phenyl- (9CI) (CA INDEX NAME)



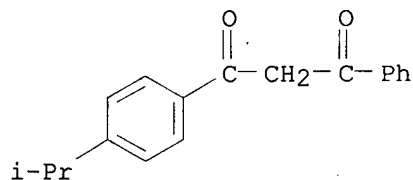
RN 61001-54-5 HCAPLUS

CN 1,3-Propanedione, 1-(2-methylphenyl)-3-phenyl- (9CI) (CA INDEX NAME)



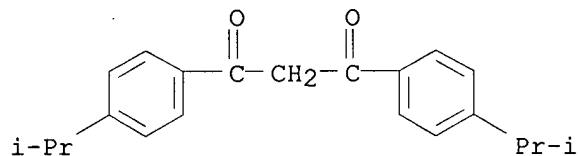
RN 63250-25-9 HCAPLUS

CN 1,3-Propanedione, 1-[4-(1-methylethyl)phenyl]-3-phenyl- (9CI) (CA INDEX NAME)



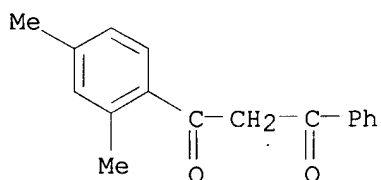
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CN 1,3-Propanedione, 1,3-bis[4-(1-methylethyl)phenyl]- (9CI) (CA INDEX NAME)



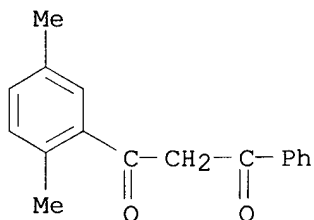
RN 63250-28-2 HCAPLUS

CN 1,3-Propanedione, 1-(2,4-dimethylphenyl)-3-phenyl- (9CI) (CA INDEX NAME)



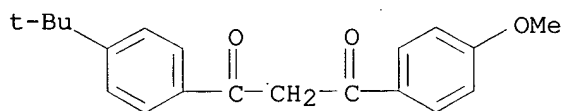
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CN 1,3-Propanedione, 1-(2,5-dimethylphenyl)-3-phenyl- (9CI) (CA INDEX NAME)



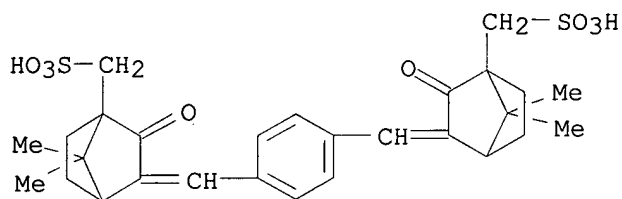
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CN 1,3-Propanedione, 1-[4-(1,1-dimethylethyl)phenyl]-3-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



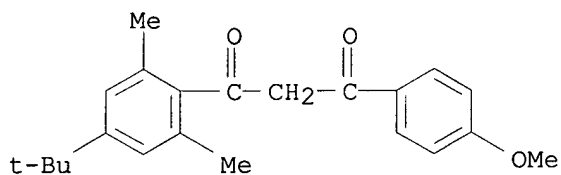
RN 92761-26-7 HCAPLUS

CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 3,3'-(1,4-phenylenedimethylidyne)bis[7,7-dimethyl-2-oxo- (9CI) (CA INDEX NAME)



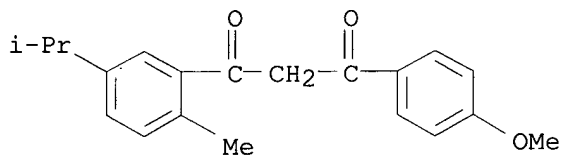
RN 93851-27-5 HCAPLUS

CN 1,3-Propanedione, 1-[4-(1,1-dimethylethyl)-2,6-dimethylphenyl]-3-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



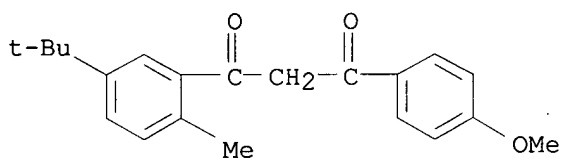
RN 93851-28-6 HCAPLUS

CN 1,3-Propanedione, 1-(4-methoxyphenyl)-3-[2-methyl-5-(1-methylethyl)phenyl]- (9CI) (CA INDEX NAME)



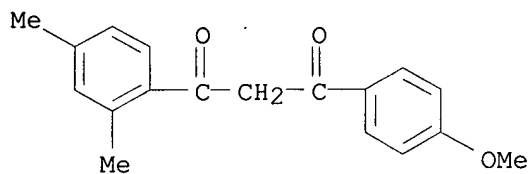
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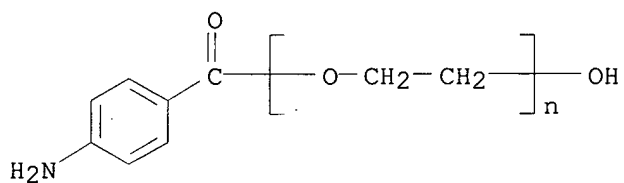


RN 93885-98-4 HCAPLUS

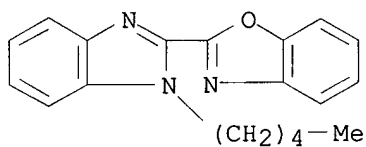
CN 1,3-Propanedione, 1-(2,4-dimethylphenyl)-3-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



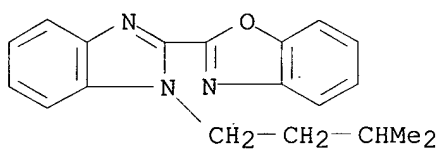
RN 168475-44-3 HCAPLUS
CN Poly(oxy-1,2-ethanediyl), .alpha.-(4-aminobenzoyl)-.omega.-hydroxy- (9CI)
(CA INDEX NAME)



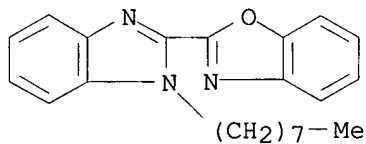
RN	207912-79-6	HCAPLUS	
CN	Benzoxazole, 2-(1-pentyl-1H-benzimidazol-2-yl)-	(9CI)	(CA INDEX NAME)



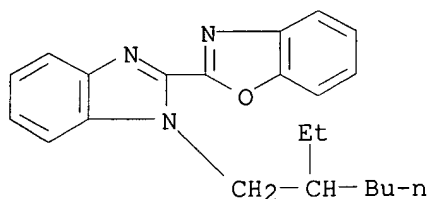
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CN	Benzoxazole, 2-[1-(3-methylbutyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)		



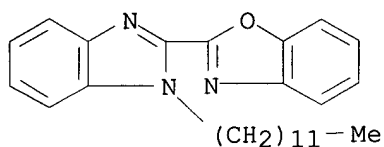
RN	207912-81-0	HCAPLUS	
CN	Benzoxazole, 2-(1-octyl-1H-benzimidazol-2-yl)-	(9CI)	(CA INDEX NAME)



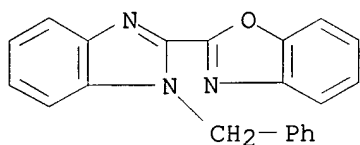
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RN      207912-83-2   HCAPLUS
CN      Benzoxazole, 2-[1-(2-ethylhexyl)-1H-benzimidazol-2-yl]- (9CI)  (CA INDEX
NAME)
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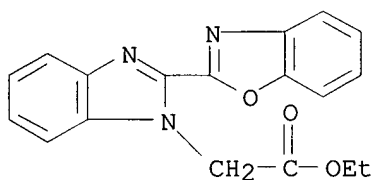
RN 207912-84-3 HCAPLUS
CN Benzoxazole, 2-(1-dodecyl-1H-benzimidazol-2-yl)- (9CI) (CA INDEX NAME)



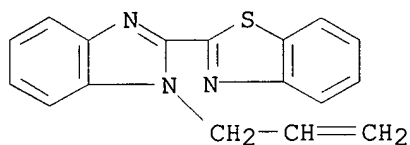
RN 207912-85-4 HCAPLUS
CN Benzoxazole, 2-[1-(phenylmethyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)



RN 207912-88-7 HCAPLUS
CN 1H-Benzimidazole-1-acetic acid, 2-(2-benzoxazolyl)-, ethyl ester (9CI) (CA INDEX NAME)

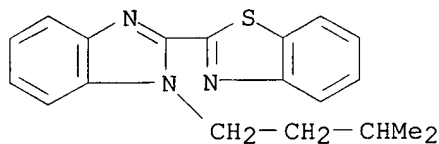


RN 207912-90-1 HCAPLUS
CN Benzothiazole, 2-[1-(2-propenyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)



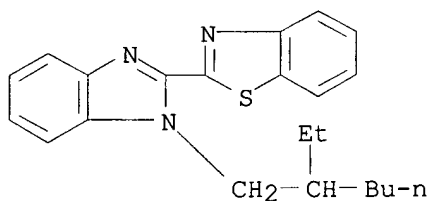
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CN Benzothiazole, 2-[1-(3-methylbutyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)



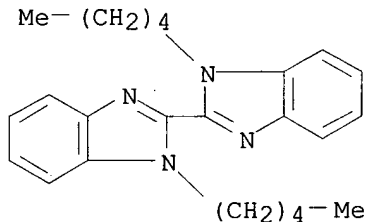
RN 207912-92-3 HCAPLUS

CN Benzothiazole, 2-[1-(2-ethylhexyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)



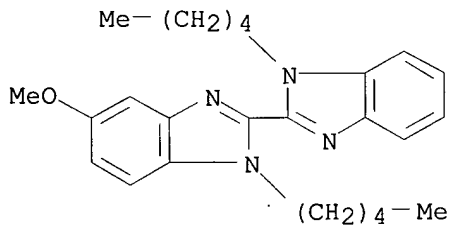
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CN 2,2'-Bi-1H-benzimidazole, 1,1'-dipentyl- (9CI) (CA INDEX NAME)



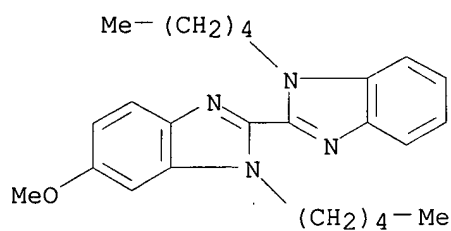
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CN 2,2'-Bi-1H-benzimidazole, 5-methoxy-1,1'-dipentyl- (9CI) (CA INDEX NAME)



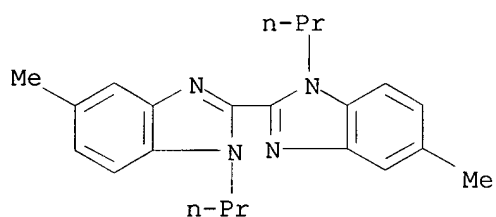
RN 207913-01-7 HCAPLUS

CN 2,2'-Bi-1H-benzimidazole, 6-methoxy-1,1'-dipentyl- (9CI) (CA INDEX NAME)



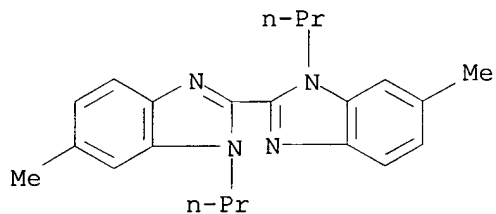
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CN 2,2'-Bi-1H-benzimidazole, 5,5'-dimethyl-1,1'-dipropyl- (9CI) (CA INDEX NAME)



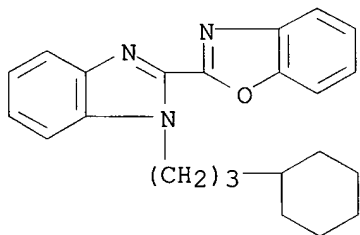
RN 207913-06-2 HCAPLUS

CN 2,2'-Bi-1H-benzimidazole, 6,6'-dimethyl-1,1'-dipropyl- (9CI) (CA INDEX NAME)



RN 259535-29-0 HCAPLUS

CN Benzoxazole, 2-[1-(3-cyclohexylpropyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)



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L9 ANSWER 10 OF 10 HCAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 2000:163049 HCAPLUS
 DOCUMENT NUMBER: 132:185247
 TITLE: Cosmetic compositions for the photoprotection of the skin and hair containing N-substituted benzazole and **benzotriazole** derivatives
 INVENTOR(S): Candau, Didier; Pisson, Anne Marie
 PATENT ASSIGNEE(S): Oreal S. A., Fr.
 SOURCE: Fr. Demande, 20 pp.
 CODEN: FRXXBL
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

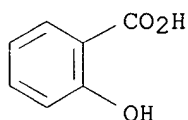
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2779954	A1	19991224	FR 1998-7704	19980618
FR 2779954	B1	20010720		

AB Cosmetic compns. for the photoprotection of the skin and hair against harmful effects of UV rays contain N-substituted benzole and **benzotriazole** derivs. A compn. contained Sinnowax AO (a mixt. of cetylstearyl alc. and ethoxylated cetylstearyl alc.) 7, Cerasyn SD-V (a mixt. of glycerol mono- and distearate) 2, cetyl alc. 1.5, polydimethyl siloxane 1, Witconol TN (a mixt. of alkyl benzoate) 20, 2-(1-(2-ethylhexyl))benzimidazol-2-yl-benzothiazole 4, **benzotriazole**-contg. silicone 5, glycerin 20, preservative, and water q.s. 100 g.

IT 69-72-7D, Salicylic acid, derivs. 76-22-2D, Camphor, derivs. 119-61-9D, Benzophenone, derivs. 120-46-7D, Dibenzoylmethane, derivs. 150-13-0D, p-Aminobenzoic acid, derivs. 606-84-8D, .beta.,.beta.-Diphenyl acrylic acid, derivs. 621-82-9D, Cinnamic acid, derivs. 1314-13-2, Zinc oxide, biological studies 1314-23-4, Zirconium oxide, biological studies 11129-18-3, Cerium oxide 12654-97-6D, Triazine, derivs. 13463-67-7, Titanium dioxide, biological studies 207912-79-6 207912-80-9 207912-81-0 207912-83-2 207912-84-3 207912-85-4 207912-88-7 207912-90-1 207912-91-2 207912-92-3 207912-97-8 207913-00-6 207913-01-7 207913-02-8 207913-06-2 259535-29-0

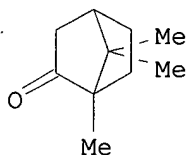
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (cosmetic compns. for photoprotection of skin and hair contg. N-substituted benzazole and **benzotriazole** derivs.)

RN 69-72-7 HCAPLUS
 CN Benzoic acid, 2-hydroxy- (9CI) (CA INDEX NAME).

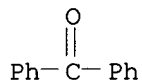


RN 76-22-2 HCAPLUS

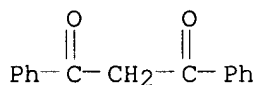
CN Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl- (9CI) (CA INDEX NAME)



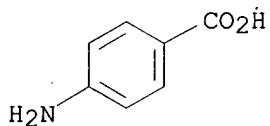
RN 119-61-9 HCAPLUS
CN Methanone, diphenyl- (9CI) (CA INDEX NAME)



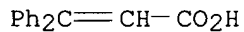
RN 120-46-7 HCAPLUS
CN 1,3-Propanedione, 1,3-diphenyl- (6CI, 8CI, 9CI) (CA INDEX NAME)



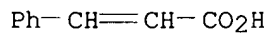
RN 150-13-0 HCAPLUS
CN Benzoic acid, 4-amino- (9CI) (CA INDEX NAME)



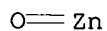
RN 606-84-8 HCAPLUS
CN 2-Propenoic acid, 3,3-diphenyl- (9CI) (CA INDEX NAME)



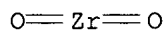
RN 621-82-9 HCAPLUS
CN 2-Propenoic acid, 3-phenyl- (9CI) (CA INDEX NAME)



RN 1314-13-2 HCAPLUS
CN Zinc oxide (ZnO) (9CI) (CA INDEX NAME)



RN 1314-23-4 HCAPLUS
 CN Zirconium oxide (ZrO₂) (8CI, 9CI) (CA INDEX NAME)



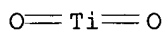
RN 11129-18-3 HCAPLUS
 CN Cerium oxide (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

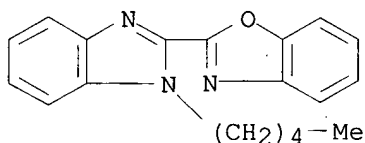
RN 12654-97-6 HCAPLUS
 CN Triazine (7CI, 9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

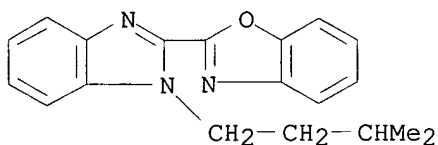
RN 13463-67-7 HCAPLUS
 CN Titanium oxide (TiO₂) (8CI, 9CI) (CA INDEX NAME)



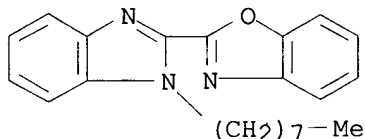
RN 207912-79-6 HCAPLUS
 CN Benzoxazole, 2-(1-pentyl-1H-benzimidazol-2-yl)- (9CI) (CA INDEX NAME)



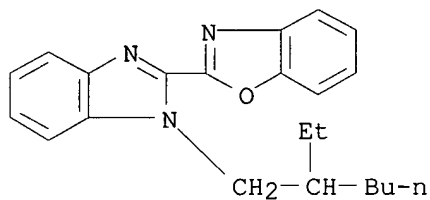
RN 207912-80-9 HCAPLUS
 CN Benzoxazole, 2-[1-(3-methylbutyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)



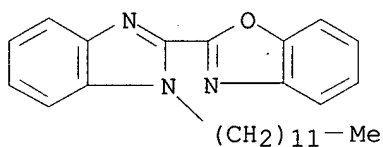
RN 207912-81-0 HCAPLUS
 CN Benzoxazole, 2-(1-octyl-1H-benzimidazol-2-yl)- (9CI) (CA INDEX NAME)



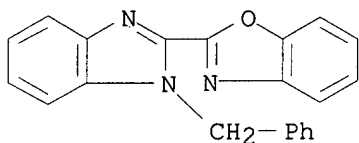
RN 207912-83-2 HCAPLUS
 CN Benzoxazole, 2-[1-(2-ethylhexyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)



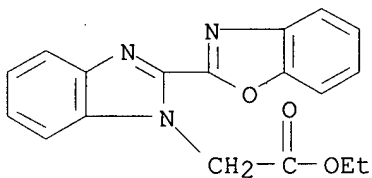
RN 207912-84-3 HCAPLUS
CN Benzoxazole, 2-(1-dodecyl-1H-benzimidazol-2-yl)- (9CI) (CA INDEX NAME)



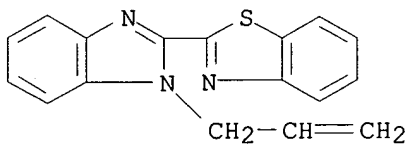
RN 207912-85-4 HCAPLUS
CN Benzoxazole, 2-[1-(phenylmethyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)



RN 207912-88-7 HCAPLUS
CN 1H-Benzimidazole-1-acetic acid, 2-(2-benzoxazolyl)-, ethyl ester (9CI) (CA INDEX NAME)

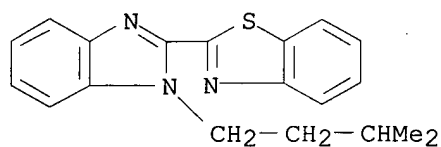


RN 207912-90-1 HCAPLUS
CN Benzothiazole, 2-[1-(2-propenyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)



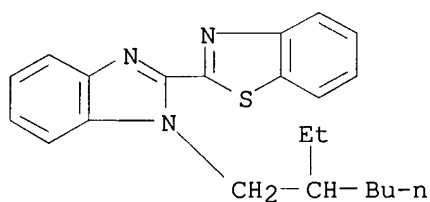
RN 207912-91-2 HCAPLUS

CN Benzothiazole, 2-[1-(3-methylbutyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)



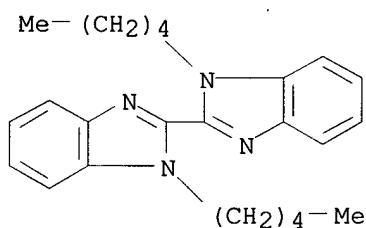
RN 207912-92-3 HCAPLUS

CN Benzothiazole, 2-[1-(2-ethylhexyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)



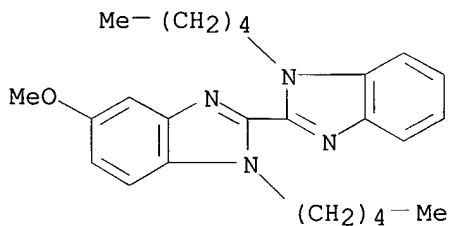
RN 207912-97-8 HCAPLUS

CN 2,2'-Bi-1H-benzimidazole, 1,1'-dipentyl- (9CI) (CA INDEX NAME)



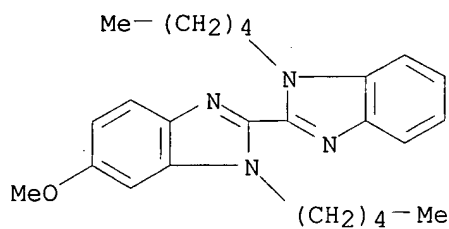
RN 207913-00-6 HCAPLUS

CN 2,2'-Bi-1H-benzimidazole, 5-methoxy-1,1'-dipentyl- (9CI) (CA INDEX NAME)

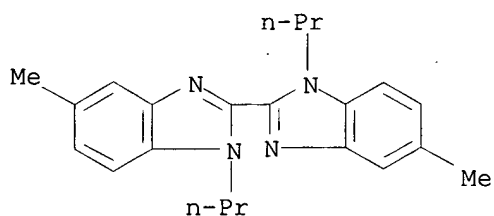


RN 207913-01-7 HCAPLUS

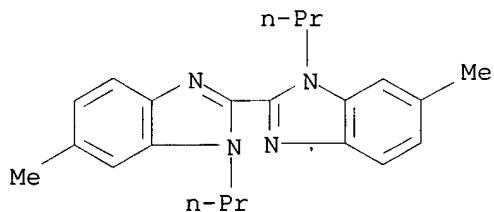
CN 2,2'-Bi-1H-benzimidazole, 6-methoxy-1,1'-dipentyl- (9CI) (CA INDEX NAME)



RN 207913-02-8 HCAPLUS
 CN 2,2'-Bi-1H-benzimidazole, 5,5'-dimethyl-1,1'-dipropyl- (9CI) (CA INDEX NAME)



RN 207913-06-2 HCAPLUS
 CN 2,2'-Bi-1H-benzimidazole, 6,6'-dimethyl-1,1'-dipropyl- (9CI) (CA INDEX NAME)



RN 259535-29-0 HCAPLUS
 CN Benzoxazole, 2-[1-(3-cyclohexylpropyl)-1H-benzimidazol-2-yl]- (9CI) (CA INDEX NAME)

